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ANNUAL PLANNING INFORMATION

State of Alabama

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FOREWORD

This publication incorporates the most current data available for the various categories with projections for FY 1983 (October 1, 1982 through September 30, 1983). Projections data are intended for use by manpower planners in the absence of more concrete data. Careful attention should be paid to the dates listed with each statistical table or set of tables. Questions or comments arising from use of this information should be addressed to the Labor Market Analysis Unit at 205-832-5279 or 832-5263 (ACTS numbers 345-5279 and 345-5263).

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HIGHLIGHTS AND CONCLUSIONS

Alabama continues to exceed the U. S. in the economic slowdown. During 1981, the State's annual average unemployment rate of 10.7 percent significantly exceeded the 7.6 percent recorded for the nation. Alabama ranked second highest among the states in percent of unemployed. The economic downturn was not attributable to any one industry but was reflective of high interest rates and a sluggish economy. Scattered cutbacks in several areas pushed the jobless rate upward.

Signs of improvement in the State's unemployment situation are expected as FY 1983 projections reflect a civilian labor force of 1,699,000 and average unemployment of 178,395 to yield an average rate of 10.5 percent.

Problems of persons in need of employment and training have continued to be enhanced by the economic decline. Job competition remains keen and presents a special job placement problem to youth and older workers. The poor and elderly have particularly experienced economic hardships during this recessionary period, however, these economic difficulties are now being felt by other sectors of the population as well.

BASIC DESCRIPTION OF THE STATE

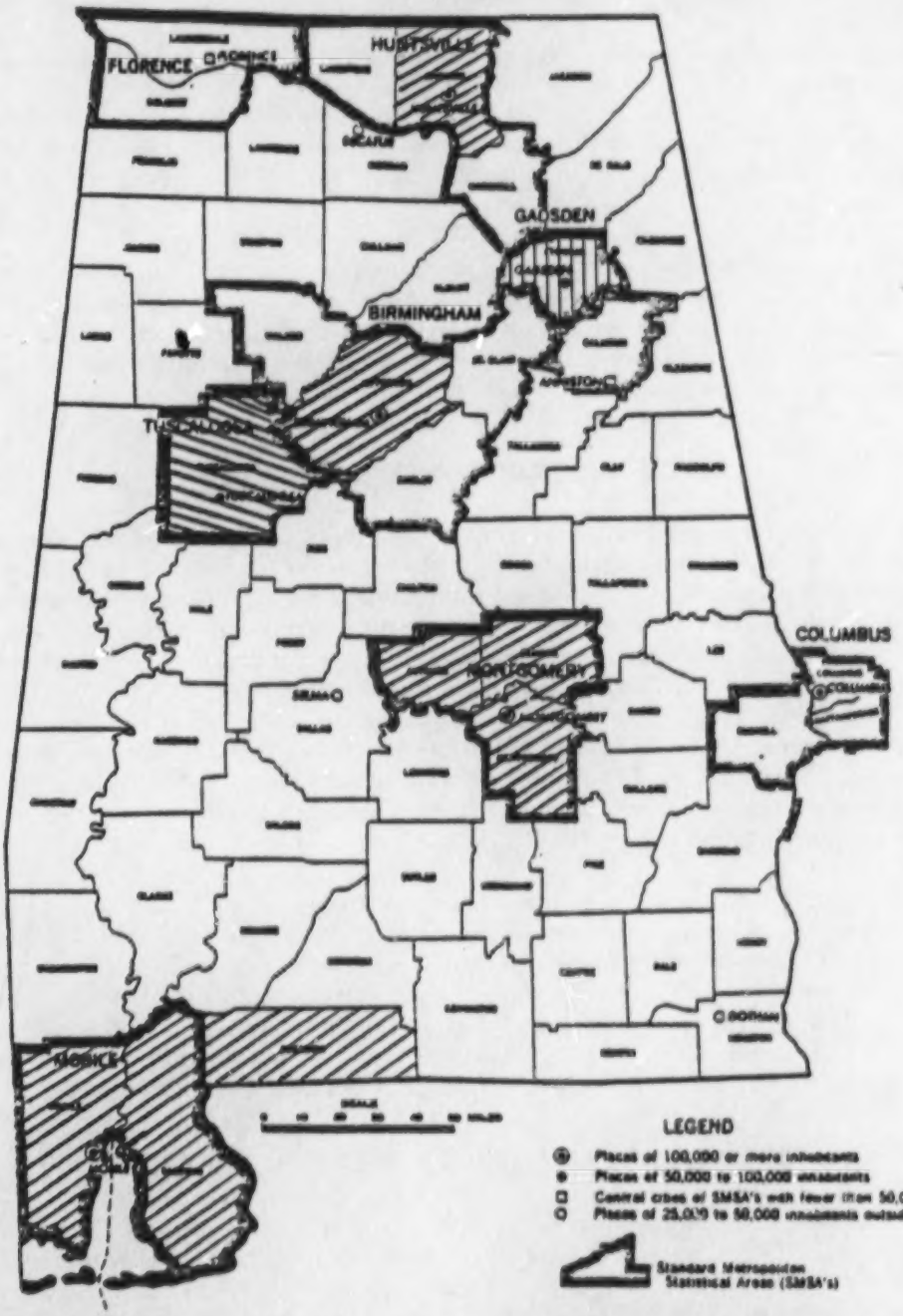
Alabama is located in the southeast portion of the United States. On the south it is bordered by Florida, on the west by Mississippi, on the east by Georgia and on the north by Tennessee. The State of Alabama occupies 50,708 square miles and ranks 29th in order of area among all of the states. The principal rivers of Alabama provide extensive water transportation, hydroelectric power and recreation facilities. Navigable rivers include the Tennessee, which flows across the northern counties, the Black Warrior, Alabama and Tombigbee, which flow through the central and southern sections of the state, and the Chattahoochee which serves as a border between Georgia and Alabama. Other significant rivers are the Coosa and Tallapoosa. The Alabama, Tombigbee and Chattahoochee Rivers provide water traffic access to the Gulf of Mexico. In addition to the river system, seven railroads and nine interstate highways provide the state with a very efficient transportation network.

Alabama is comprised of 67 counties, eight Standard Metropolitan Statistical Areas and the Russell County portion of the Columbus, Georgia SMSA. The Birmingham SMSA is the largest SMSA with a 1980 census count of 847,360 while Mobile runs second with a population of 442,819. There are seven CETA prime sponsors in the State including the Etowah, Huntsville, Birmingham, Tuscaloosa, Montgomery and Mobile Consortiums plus the Balance of State. Thirty-six full functioning Employment Service Offices, with an additional 33 branch and itinerant offices, are conveniently located throughout the state.

ECONOMIC DEVELOPMENTS AND OUTLOOK

The state's economy continued to weaken during 1981. Nonagricultural wage and salary employment, at 1,349,800, slipped 0.5 percent in 1981 perpetuating 1980 performance which reflected a decline of 0.3 percent. Both the manufacturing and nonmanufacturing sectors exhibited modest declines of 0.2 and 0.5 percent, respectively. Most areas of industrial activity, with the exception of pulp, paper and paperboard production which reached a record high, failed to attain 1980 levels. Although down slightly over the year, the production of crude oil and condensate and bituminous coal remained relatively high.

ALABAMA



U.S. DEPARTMENT OF COMMERCE
SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION
BUREAU OF THE CENSUS

The value of building contracts awarded dropped to the lowest level since 1975. Overall, the Alabama economy was in a recessionary period for the entire year of 1981.

Announced capital investment for new and expanding industries which jumped dramatically to total $4,200,105,950 more than doubled the prior year's mark. However, the investments are capital intensive rather than labor intensive and upon completion are projected to create 17,116 new jobs. State tax receipts, at $2,026,375,556, exceeded the two billion dollar mark for the first time, an increase of 16.4 percent over the last fiscal year. About half of the increase can be attributed to changes in tax provisions. Agricultural employment, down 700 over the year and averaging 40,000 in 1981, continued its pattern of decline over prior-year levels.

The workweek of factory production workers averaged 39.9 hours, down 12 minutes over the prior year. Average hourly earnings were up fifty-two cents to average $7.01. Weekly earnings averaged $279.70 for 1981, an increase of 7.6 percent over the year. The cost of living, as measured by the Consumner Price Index, increased 10.4 percent during the same period more than offsetting the gain achieved in earnings.

Alabama's total unemployment rate averaged 10.7 percent in 1981, up sharply from the prior year's rate of 8.8 percent and substantially above the 7.6 percent national average, which rose moderately from the 7.1 percent average in 1980.

Alabama's economy is anticipated to exhibit limited growth in FY 1983. The total unemployment rate is projected to average 10.5 percent in FY 1983. Wage and salary employment is expected to rise only 0.4 percent, as gains in the nonmanufacturing sector will be almost negated by losses in several manufacturing industries with primary metals suffering the largest decline. Should President Reagan's economic policy and Congressional action result in a smaller Federal budget deficit, lower interest rates and greater confidence among consumers and businesses, economic performance could easily surpass projected levels; however, at this time only slight improvement in the State's economy is projected for FY 1983.

POPULATION CHARACTERISTICS AND TRENDS

The final population count of the State as of April 1, 1980, was 3,890,061. This figure represents an increase of 445,707, or 12. 9 percent, from the 3,444,354 inhabitants enumerated in the 1970 census. The nation grew at a slightly slower rate of 11.4 percent during this same time period. Reported at 226,504,825 in 1980, the U. S. population showed an increase of 23,202,794 over the 1970 level of 203,302,031.

The 1980 count revealed growth during the decade in 59 counties while the remaining 8 suffered losses. Shelby County posted the largest percentage gain, up 74.3 percent over the 1970 census figure. Mobile County had the largest numerical growth, an increase of 47,071, since the 1970 count. St. Clair, Blount, Baldwin, Autauga, Houston, Winston, and Jackson Counties also experienced growth rates of more than thirty percent. The largest population declines were reflected in the following counties: Bullock dropped 10.4 percent, or 1,228; Dale fell 9.8 percent, or 5,174; and Wilcox declined 9.5 percent, or 1,548.

The Standard Metropolitan Statistical Areas accounted for 62.0 percent of the State's population in 1980. The Birmingham SMSA, boasting an 80,130 increase since the 1970 census, recorded the largest numeric increase in residents. Percentagewise, the Montgomery SMSA reported the largest increase, expanding some 20.7 percent since 1970.

The civilian population is expected to number 3,990,496 in 1983, a 17.0 percent increase over the 1970 level of 3,410,871. Age-breakout totals indicate a continuing birth-rate decline as well as a longer life span for the average Alabamian. Those persons age 65 and older in 1983 will reflect a 48.4 percent expansion over the 1970 number, while those under age 15 are expected to decline 7.4 percent. The 20-44 year-old age group rise of 42.6 percent is the result of the post World War II baby boom.

CHARACTERISTICS OF THE LABOR FORCE

In 1981, the civilian labor force totaled 1,666,000, a decrease of 7,000, or 0.4 percent, below the 1980 level. The primary factor influencing the slowdown in growth continues to be general economic conditions and is not attributable to any one industry. Scattered cutbacks in several areas pushed the jobless rate upward. The employed sector declined 38,000 while the unemployed rose 31,000 from 1980 to 1981.

Teenagers, aged 16-19, averaged an unemployment rate of 27.0 percent in 1981, the highest of any age group. Increased job competition, as well as cutbacks of nonessential jobs by employers contributed to the 24.1 percent increase over the 1980 level of unemployment for 16-19 year olds. Nonwhite teenagers experienced an annual unemployment rate of 46.9 percent while white teenagers reflected a much lower rate of 20.9 percent.

Whites represented 53.9 percent of the unemployed and 79.4 percent of the employed while the nonwhites constituted 46.1 percent of the unemployed and only 20.6 percent of the employed. In general, minorities have more serious unemployment problems as reflected in the unemployment sex and age breakouts.

The projected outlook for FY 1983 is for very slight improvement in the State's economy. The civilian labor force is expected to number 1,699,000 in FY 1983, with an average unemployment rate of 10.5 percent. The average jobless rate for 1981 was 10.7 percent. White males should average the lowest rates while the nonwhite females are expected to display the highest jobless rates during FY 1983. Agewise, the 16-17 year olds are expected to experience the highest level of unemployment in FY 1983, averaging 34.6 percent.

During FY 1983, some 494,400 different individuals are expected to be unemployed; however, unemployment should average 178,395 during this period. Males are projected to make up 50.1 percent of the unemployed. The racial breakout indicates 59.0 percent should be white. The largest numerical group is expected to be white males, totaling 153,264 in FY 1983.

EMPLOYMENT DEVELOPMENTS AND OUTLOOK BY INDUSTRY

Manufacturing. Employment in the factory division averaged 362,200 in 1981, representing an annual decrease of 0.2 percent. In 1980, the rate of decline measured 3.1 percent. Employment in the durable goods sector receded 0.5 percent in 1981, while non-durable losses were only 0.1 percent. Late-year improvement may be sufficient to reverse the downtrend in factory employment; however, annual growth, if it does materialize, will be limited to less than half a percentage point. A decline of 1.5 percent is far more likely than any annual growth.

Textiles. Employment in the textile industry declined 600, or 1.4 percent, during 1981, marking the fifth consecutive year of employment losses. A turnaround of this industry's downtrend is unlikely, employment will probably exhibit a 2.0 percent further decline.

Apparel. Employment in the apparel industry averaged 54,300 in 1981, representing an annual increase of 400, or 0.7 percent. Reversal of the prior year's trend is likely in FY 1983, with an employment decline of 1.2 percent projected.

Paper and Allied Products. The apparent annual employment gain of 900, or 4.5 percent, realized by this industry in 1981 was due in part to the effect of summer strikes on the 1980 average. Stable employment for the industry as a whole can be expected throughout FY 1983.

Lumber. The continued slowdown in building activity contributed to this industry's employment drop of 800, or 2.8 percent. Employment growth in this industry hinges upon construction activity, which is not expected to show annual improvement; a decline of approximately 2.0 percent is expected.

Primary Metals. Employment declined 5.9 percent, or 2,300, in 1981 due primarily to cutbacks in major facilities during the fourth quarter. While the long-term future of this industry remains uncertain, it is very likely that further declines will occur in FY 1983, possibly as much as 8.0 percent on the average.

Fabricated Metals. Reversing the previous year's trend, employment in this group increased 600, or 1.8 percent, over the year. Based on this group's performance in the first quarter of 1982, it is expected that an employment loss of approximately 3.0 percent will occur this year.

Machinery, including Electrical. With the exception of a downturn in July, employment edged forward steadily each month during the first three quarters of 1981. Declines in the fourth quarter held this group's annual increase to 600, or 1.8 percent. Early declines in 1982 are some indication that employment in this industry will show little, if any, increase in FY 1983; a decline of 1.0 percent may actually occur.

Transportation Equipment. Employment in this industry rose 3.0 percent in 1981 due to both recalls at various plants and new hiring in the ship and boat building and repairing segment. This growth rate will not be sustained in FY 1983, although an increase of 1.5 percent is possible.

Other Manufacturing. There were divergent trends among other manufacturing industries during 1981. The remaining durable goods industries experienced a gain of 400, or 1.5 percent, while soft goods producers reported a net loss of 800, or 1.1 percent. An over-all increase approaching 1.0 percent is expected in FY 1983.

Mining. The nationwide strike in April and May influenced mining's annual average, which declined 1,600, or 9.4 percent, in 1981. Employment should remain relatively stable throughout FY 1983.

Construction. Construction employment continued to decline in 1981. The 7.3 percent, or 5,200, annual decline followed a 5.3 percent loss in 1980. Even if economic conditions improve prior to the end of the year, it is unlikely they will change in time to effect a turnaround during this year's normal building season. Employment losses in this industry should continue on into 1982. Bond-financed building programs, however, should result in employment growth prior to the end of FY 1983.

Transportation and Public Utilities. This industry exhibited an employment decline of 0.1 percent in 1981. Reversal of this downtrend is not expected in FY 1983; employment will probably decline 0.2 percent.

EMPLOYEES IN NONAGRICULTURAL INDUSTRIES IN ALABAMA[1]
(in thousands)

INDUSTRY	ANNUAL AVERAGE			NET CHANGE FROM		PERCENT CHANGE FROM	
	1981P	1980r	1979r	1980 to 1981	1979 to 1980	1980 to 1981	1979 to 1980
TOTAL NONAGRICUL. EMPLOYMENT	1349.8	1356.1	1362.0	- 6.3	- 5.9	- 0.5	- 0.4
MANUFACTURING	362.2	363.1	374.9	- 0.9	-11.8	- 0.2	- 3.1
Durable Goods	175.7	175.5	186.5	- 0.8	-11.0	- 0.5	- 5.9
Lumber & Wood Products	27.5	28.3	30.8	- 0.8	- 2.5	- 2.8	- 8.1
Sawmills and Planning Mills	9.6	10.1	11.1	- 0.5	- 1.0	- 5.0	- 9.0
Stone, Clay, and Glass Products	9.7	9.9	10.6	- 0.2	- 0.7	- 2.0	- 6.6
Primary Metal Industries	36.5	38.8	44.4	- 2.3	- 5.6	- 5.9	-12.6
Blast Furn. and Basic Steel Prod.	13.4	14.8	18.1	- 1.4	- 3.3	- 9.5	-18.2
Iron and Steel Foundries	12.3	13.0	14.3	- 0.7	- 1.3	- 5.4	- 9.1
Fabricated Metal Products	26.0	25.4	25.9	0.6	- 0.5	2.4	- 1.9
Fabricated Structural Metal Prod.	13.5	12.9	13.1	0.6	- 0.2	4.7	- 1.5
Machinery	34.2	33.6	34.8	0.6	- 1.2	1.8	- 3.4
Transportation Equipment	23.8	23.1	23.5	0.7	- 0.4	3.0	- 1.7
Ship & Boat Building & Repairing	6.2	4.7	3.9	1.5	0.8	31.9	20.5
Other Durable Goods[2]	17.0	16.4	16.5	0.6	- 0.1	3.7	- 0.6
Nondurable Goods	187.5	187.6	188.4	- 0.1	- 0.8	- 0.1	- 0.4
Food and Kindred Products	28.2	28.1	28.1	0.1	0.0	0.4	0.0
Textile Mill Products	42.2	42.8	43.9	- 0.6	- 1.1	- 1.4	- 2.5
Weaving Mills, incl. Narrow Fabrics	18.7	19.8	20.3	- 1.1	- 0.5	- 5.6	- 2.5
Weaving Mills, Cotton	15.0	16.1	17.2	- 1.1	- 1.1	- 6.8	- 6.4
Knitting Mills	11.7	10.9	10.4	0.8	0.5	7.3	4.8
Yarn and Thread Mills	6.6	6.8	7.5	- 0.2	- 0.7	- 2.9	- 9.3
Apparel & Other Textile Products	54.3	53.9	52.7	0.4	1.2	0.7	2.3
Men's, Boys' Suits, Coats & Furns.	29.5	29.6	28.4	- 0.1	1.2	- 0.3	4.2
Paper and Allied Products	20.7	19.8	20.4	0.9	- 0.6	4.5	- 2.9
Pulp, Paper, and Paperboard Mills	17.0	16.2	16.7	0.8	- 0.5	4.9	- 3.0
Printing and Publishing	10.1	10.0	10.1	0.1	- 0.1	1.0	- 1.0
Chemicals and Allied Products	14.7	15.7	16.1	- 1.0	- 0.4	- 6.4	- 2.5
Plastic Materials and Synthetics	5.1	5.9	6.4	- 0.8	- 0.5	-13.6	- 7.8
Rubber and Misc. Plastics Products	14.7	14.7	14.5	0.0	0.2	0.0	1.4
Other Nondurable Goods[3]	2.6	2.6	2.6	0.0	0.0	0.0	0.0
TOTAL NONMANUFACTURING	987.6	993.0	987.1	- 5.4	5.9	- 0.5	0.6
Mining	15.4	17.0	16.7	- 1.6	0.3	- 9.4	1.8
Bituminous Coal & Lignite Mining	10.9	12.8	12.5	- 1.9	0.3	-14.8	2.4
Construction	66.2	71.4	75.4	- 5.2	- 4.0	- 7.3	- 5.3
Transportation and Public Utilities	71.7	71.8	71.7	- 0.1	0.1	- 0.1	0.1
Comm. & Elec., Gas, & Sanit. Serv.	37.6	37.4	37.0	0.2	0.4	0.5	1.1
Wholesale & Retail Trade	271.4	272.6	275.6	- 1.2	- 3.0	- 0.4	- 1.1
Wholesale Trade	71.7	71.9	73.1	- 0.2	- 1.2	- 0.3	- 1.6
Retail Trade	199.7	200.7	202.5	- 1.0	- 1.8	- 0.5	- 0.9
General Merchandise Stores	27.8	28.7	29.4	- 0.9	- 0.7	- 3.1	- 2.4
Apparel & Accessory Stores	16.1	16.4	16.8	- 0.3	- 0.4	- 1.8	- 2.4
Finance, Insurance, and Real Estate	59.3	58.7	58.3	0.6	0.4	1.0	0.7
Banking	20.5	20.1	19.5	0.4	0.6	2.0	3.1
Insurance Carriers	15.3	15.3	15.5	0.0	- 0.2	0.0	- 1.3
Services[4]	210.9	204.1	197.8	6.8	6.3	3.3	3.2
Hotels and Other Lodging Places	10.0	10.1	10.2	- 0.1	- 0.1	- 1.0	- 1.0
Hospitals	33.9	31.5	29.8	2.4	1.7	7.6	5.7
Total Government	292.7	297.4	291.6	- 4.7	5.8	- 1.6	2.0
Total Federal Government	65.5	65.9	63.3	- 0.4	2.6	- 0.6	4.1
U. S. Department of Defense	27.9	27.3	26.0	0.6	1.3	2.2	5.0
U. S. Postal Service	7.7	7.6	7.6	0.1	0.0	1.3	0.0
Other Federal	29.9	31.0	29.7	- 1.1	1.3	- 3.5	4.4
Total State and Local Government	227.2	231.5	228.3	- 4.3	3.2	- 1.9	1.4
State & Local Education	115.8	117.0	113.9	- 1.2	3.1	- 1.0	2.7
Other State & Local Government	111.4	114.5	114.4	- 3.1	0.1	- 2.7	0.1

PPreliminary rRevised

[1]Data include, on a place of work basis, all full and part-time nonagricultural wage and salary employees who worked during, or received pay for any part of the pay period which includes the 12th of the month. Proprietors, self-employed persons, workers in private households and unpaid family workers are excluded. Estimates adjusted to a March 1981 benchmark, based on the *Standard Industrial Classification Manual, 1972*, as amended by the 1977 Supplement.

[2]Includes furniture and fixtures, professional instruments, and miscellaneous durable goods.

[3]Includes tobacco manufactures, products of petroleum and coal, and leather and leather products.

[4]Includes veterinary and other animal services and landscape and horticultural services.

ESTIMATES PREPARED BY ALABAMA DEPARTMENT OF INDUSTRIAL RELATIONS IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF LABOR.

Trade. Modest declines occurred in both wholesale and retain sectors of trade in 1981, resulting in a net decrease of 0.4 percent. Economic recovery in time for the 1982 Christmas buying season would spur employment advances; otherwise, this industry may suffer further declines. An increase of approximately 1.5 percent during FY 1983 is expected.

Finance, Insurance and Real Estate. Growth in this industry measured 600, or 1.0 percent, in 1981. A similar growth rate in FY 1983 is the best that can be expected for this industry, as high interest rates continue to have an adverse effect on this industry.

Services. Some erosion in Services' historically steady growth rate was evidenced, although it still grew at a faster rate than the economy as a whole. After a 6.6 percent rate of growth between 1979 and 1980, Services' rate of growth declined to 3.3 percent between 1980 and 1981. Continued growth of approximately 3.0 percent during the fiscal year is expected.

Government. Employment in the public sector decreased 1.6 percent in 1981, as the current fiscal policy led to cutbacks in various programs at both the national and state level. Additional budget cutbacks will likely result in half a percentage point further reduction in employment.

PROJECTED EMPLOYMENT BY OCCUPATIONAL GROUPS

By 1985, approximately 46 percent of Alabama's employment will be white-collar workers, comprising 94,880 more of the employed sector than do blue-collar workers. This demonstrates a continuing shift towards white-collar occupations. The groups comprising the white-collar segment are Professional, Technical and Kindred; Managers and Officials; Sales Workers; and Clerical Workers. The blue-collar segment consists of Craft Workers, Operatives and Laborers, except Farm.

White-Collar Workers

An increase of 94,250 workers is predicted for the white-collar segment. This represents a 15.5 percent gain in the number of workers between 1978 and 1985. Its share of the state total will grow from 45.5 percent in 1978 to 46.3 percent in 1985, as the total of all occupations for the state will experience a smaller rate of growth.

Professional, Technical and Kindred workers are composed of highly trained persons such as engineers, mathematical specialists, medical workers, computer specialists, teachers, accountants and lawyers. This group's growth rate, from 1978 to 1985, is expected to be 18.5 percent. With this growth rate, employment should grow from 15.7 to 16.4 percent of the State's total during this period.

Managers and Officials include workers such as sales managers, administrators and corporate executives. The group is expected to grow from 93,930 to 106,500, a 13.4 percent increase. This group made up 7.0 percent of total employment in 1978 and should constitute 7.0 percent in 1985.

Clerical workers make up the largest occupational group of the white-collar sector with positions such as stenographers, typists, secretaries, keypunch operators, bookkeepers, claims adjustors, statistical clerks and telephone operators. This group is expected to expand 15.2 percent between 1978 and 1985, growing from 228,100 to 262,790 workers. The greatest increases will come from the following positions: secretaries, general office clerks, bookkeepers and cashiers.

Sales workers should number 83,610 by 1985, an increase of 11.1 percent over the 1978 total. This segment makes up the smallest occupational group of white-collar workers. Over the projected period, about 71.7 percent of the 29,610 sales job opportunities will result from replacement needs. Increased demands are anticipated for such jobs as sales agents, representatives and associates and sales clerks.

Blue-Collar Workers

The blue-collar work force has grown slowly over the past 30 years and is expected to show an 8.7 percent increase between 1978 and 1985. Employment in this segment will advance from 557,420 to 605,990 by the end of the seven-year span.

Crafts and Kindred positions include a wide variety of highly skilled workers such as carpenters, plumbers and pipefitters, machinists, job and die setters, toolmakers and diemakers. This group totaled 185,830 in 1978 and should rise to 203,160 in Alabama by 1985. This increase of 17,330 workers will represent a 9.3 percent gain in this segment.

Operatives are the largest blue-collar worker group, including workers such as assemblers, blasters, drillers, butchers, truck and bus drivers and many types of machine operators. Numbering 265,630 in 1978, Operatives are expected to increase 8.6 percent within the projected time period to 288,560. Because of the expected slow growth of the manufacturing industries and improved technology in the production processes, the demand for these workers will be low.

Laborers, except Farm include such workers as animal caretakers, garbage collectors, timbercutters and freight and stock handlers. Employment is expected to increase 7.8 percent over the projected seven-year time period, from 105,960 to 114,270. Similar to Operative workers, employment in this group will grow slowly because machines will increasingly replace manual labor.

SUMMARY OF OES INDUSTRY EMPLOYMENT AND ANNUAL AVERAGE JOB OPENINGS BY MAJOR OCCUPATIONAL CATEGORY ALABAMA

		Employment							
		1978		1985		1978-1985			Annual[3] Average
Occupation	Code	Number[1]	Percent[2] Distribution	Number[1]	Percent[2] Distribution	Net Change	Percent[2] Change	Annual Growth Rate	Job Openings
Total, All Occupations	0	1,333,750	100.00	1,513,260	100.00	179,510	13.46	1.9	67,980
White-Collar Workers		606,620	45.47	700,870	46.32	94,250	15.54	2.2	34,885
Prof., Tech., & Kindred Workers	10000000	209,310	15.69	247,970	16.39	38,660	18.47	2.6	12,525
Managers & Officials	20000000	93,930	7.04	106,500	7.04	12,570	13.38	1.9	5,655
Sales Workers	30000000	75,280	5.64	83,610	5.52	8,330	11.08	1.6	4,230
Clerical Workers	40000000	228,100	17.10	262,790	17.37	34,690	15.21	2.2	12,475
Blue-Collar Workers		557,420	41.80	605,990	40.04	48,570	8.71	1.2	21,010
Crafts & Kindred Workers	50000000	185,830	13.93	203,160	13.42	17,330	9.32	1.3	7,120
Operatives	60000000	265,630	19.92	288,560	19.07	22,930	8.63	1.2	9,745
Laborers, Except Farm	80000000	105,960	7.95	114,270	7.55	8,310	7.85	1.1	4,145
Service Workers	70000000	169,710	12.73	206,400	13.64	36,690	21.62	3.1	12,085

[1]Rounded to nearest 10.
[2]Calculated using raw data.
[3]Rounded to nearest 5.

Service Workers

Service workers are the fastest growing group, expected to rise 21.6 percent during the 1978-1985 span. Employment in this group will advance from 169,710 workers to 206,400 by the end of the seven-year period. As incomes rise, factors such as the increased demand for medical care and more frequent use of beauty salons, restaurants and leisure services, are expected to increase the need for these workers. Service workers include such people as janitors, bartenders, cosmetologists, firefighters, police officers and lifeguards. Fast-food restaurant food preparation service workers will show the largest increase in employment over the projected period.

ANNUAL AVERAGE JOB OPENINGS

Total annual average job openings are expected to measure 67,980 during the 1978-1985 period. Growth will account for 25,645 of these jobs, while the remaining 42,335 openings will be due to labor force separations. The best indicator of demand for various occupations is not always growth, since more jobs will become available due to death, retirement and labor force separations than from industrial growth.

Replacement needs due to death, retirement or job change are of particular importance in occupations which utilize a large number of women and older workers. Clerical positions, which employ an above average number of women, will experience approximately 152 job openings occurring because of replacement needs for every 100 resulting from growth. The Service sector, also composed primarily of women, will require approximately 131 replacements for every 100 job openings due to growth.

During the projected time period, white-collar occupations as well as blue-collar occupations will exhibit a larger proportion of openings due to separations than growth. The Service occupational group, will also need a larger number of replacements. For every 100 new Professional, Technical and Kindred posts, there will be a demand for 127 replacement positions. Over two times as many openings will occur in the Managers and Officials segment due to labor force separations than due to growth. In Sales, 71.7 percent of the job openings will be for replacements.

TRAINING

Due to the high level of unemployment, employers have become more selective in choosing employees for their businesses. In order to perform the increasingly complex jobs, a high degree of training and education is necessary. The amount of training and education a person has usually determines their starting salary and advancement opportunities.

A college degree no longer guarantees a job because of the supply and demand relationship between college graduates and available jobs. There has been a shift in the type of jobs for which college graduates are now hired. Also, the number of college graduates being hired as managers and administrators has grown, but more and more college graduates are obtaining jobs in Sales, Service, Clerical and blue-collar occupations. There has been a decline in the proportion of college graduates employed in the Professional occupations. Career planning is becoming very necessary for all students in order for them to successfully market their skills.

Most Professional jobs require the completion of a four-year college, while Technical and Kindred workers are trained in junior colleges, vocational technical schools or learn on the job.

Workers in the Managers and Officials group, for the most part, either have a college degree or receive their training through long-term experience in related jobs. Clerical workers generally are trained in business schools or junior colleges, or complete high school business courses. Except for those who sell complex products, Sales workers are usually trained on the job.

Craftsmen acquire their necessary training through apprenticeship, on-the-job training, classroom instruction and experience. On-the-job training is usually sufficient for Operatives, and Laborers require only brief instructions from their supervisors.

Service Workers usually require specialized training. Some Service workers need only on-the-job training, such as janitors, waiters and waitresses and housekeepers, while others require training in vocational technical schools, such as cosmetologists and barbers.

The State Prime Sponsor and the six Local Prime Sponsors, together with their respective Employment Training Councils, in accordance with the Comprehensive Employment and Training Act of 1973, are charged with the responsibility of providing employment opportunities and job training for the economically disadvantaged, unemployed and underemployed and of assuring that programs and services lead to optimum job opportunities and self-sufficiency. The State Prime Sponsor and the Employment and Training Council, through the Administration of the Governor's Office of Employment and Training, serve the Balance-of-State Area which includes 57 counties. The ten remaining counties are served by the six CETA Local Prime Sponsors. The Department of Industrial Relations, through its statewide network of Job Service offices, does eligibility determination and intake for the CETA program.

CETA goals will be accomplished first through employment and training services, which involve bringing individuals into the program, assessing their needs and then developing and implementing a plan of action to achieve their employment goals. Secondly, the CETA program seeks to provide training, education and employability development. This includes classroom training, on-the-job training, summer work experience, out-of-school work experience and older worker experiences. Employment services include job development placement and follow up. The third facet is to provide supportive services, such as: assistance to participants in overcoming personal or environmental handicaps which are a barrier to their employment; for example, legal assistance, child care, health, transportation or emergency aid.

The opportunity to secure training is excellent in Alabama. Twenty-six four-year colleges and universities and 27 junior colleges throughout the state offer many varied paths of post-secondary education. Direct occupational training can also be obtained through the 28 technical/community colleges located throughout the state. Many of Alabama's high schools provide vocational training courses in addition to the 113 area vocational centers designed to benefit eleventh and twelfth grade students by providing one-half of each school day in vocational training programs. Intensive, short-term, single-skill training is available in selected geographical areas designed to provide workers with specific skills needed in new and expanding industries.

ESTIMATE OF NEEDS FOR MANPOWER SERVICES

Manpower services will be needed by approximately 178,395 Alabamians during FY 1983. This jobless level represents 10.5 percent of the civilian labor force, down from the 10.7 percent averaged for 1981. The nonwhite females are expected to have the highest level of unemployment, averaging 22.6 percent. The sixteen to seventeen year old unemployment rate is projected to average 34.6 percent in FY 1983, the highest of any age group.

The number of persons employed part-time for economic reasons and needing manpower services should reach 68,194 in 1983. Of this total, white females make up approximately 36.5 percent, while the white males comprise about 35.9 percent.

The 1976 Survey of Income and Education found that 47.1 percent of males, 25 years old and over, had less than a high school education, while 46.5 percent of females in the same age grouping lacked a high school diploma. Family heads with less than a high school diploma were also found to be more than twice as likely to be poor as those with a high school diploma. Education continues to be the key to better jobs and the above is evidence of a need for guidance and training.

Another measure for employment and training service is work experience. According to findings in the 1976 Survey of Income and Education, 1.65 as many Alabamians were employed at some time during 1975 as did not work at all. The ratio was 1.81 for whites and 1.27 for nonwhites. Long-term unemployment is more likely to be experienced by nonwhites.

The nonwhite jobseeker's experience, according to an estimate of the experienced unemployed from the 1976 Survey of Income and Education, is concentrated in lower skill level occupational groups. For instance, a majority of the Laborers, Service Workers and private household workers are nonwhite while only 37.3 percent of those who last worked in Professional, Technical and Managerial jobs are nonwhite.

The number of persons with active applications on file in Alabama's Employment Service Offices as of March 31, 1982 totaled 135,465, a 9.1 percent, or 13,547, decline over the prior-year level. All categories reflected a decline with the disadvantaged and female groups dropping 7,837 and 7,699, respectively. The under age 22 group reflected the largest percentage decline, down 22.6 percent, or 6,627.

CHARACTERISTICS OF THE ECONOMICALLY DISADVANTAGED

Economically disadvantaged persons are those who are members of a family which received payments under any of several social welfare programs or whose annual income in relation to family size and location does not exceed the most recently established poverty levels.

For FY 1983, a total of 836,807 persons are expected to have incomes which fall below the poverty level. Approximately 54.8 percent of these poverty-stricken individuals are nonwhite. Some 335,601 related children under 18 will fall below the poverty level as well as 136,103 persons 65 years old and over. Family incomes of 689,957 Alabamians are projected to fall under the poverty level limitation.

Long-term unemployed is considered to be spells of unemployment equaling or exceeding 15 weeks. In FY 1983, about 44,825 individuals will experience long-term unemployment. During economically difficult times, the number of long-term unemployed usually increases. During FY 1983, more whites than nonwhites are expected to be jobless, and approximately 60.5 percent of the long-term unemployed are estimated to be males.

Of the 135,465 active applications for work in Alabama's Employment Service Offices as of March 31, 1982, females comprised 45.7 percent of the applicants. The jobs sought after most

Poverty Level by Size of Family

Size of Family Unit	*Nonfarm Family*	*Farm Family*
1	$ 4,680	$4,010
2	6,220	5,310
3	7,760	6,610
4	9,300	7,910
5	10,840	9,210
6	12,380	10,510

For family units with more than six members, add $1,540 for each additional member in a nonfarm family and $1,300 for each additional member in a farm family.

often by female applicants were clerical and sales positions. Minorities represented 43.2 percent of the applicants. Some 16.8 percent were under 22 years of age while 16.0 percent were 45 years of age and over. The economically disadvantaged applicants comprised 33.4 percent of all applicants, and veterans made up approximately 17.1 percent of the total.

BARRIERS TO EMPLOYMENT

The economy itself will be one of the principal barriers to employment during FY 1983. The economic slump will result in a tight labor market with a large number of skilled and semi-skilled workers in competition for available jobs. This will place the economically disadvantaged in an unusually difficult position. Perhaps the two most common barriers to the disadvantaged group are lack of education and a lack of marketable skills. Other problems which typically hinder the disadvantaged are: lack of transportation to and from the job; child care and family responsibilities, particularly for female workers; poor health; lack of self-confidence; and lack of motivation.

APPENDIX

Table 1
TOTAL POPULATION IN ALABAMA COUNTIES
1970 and 1980

County	April 1, 1980[1]	April 1, 1970[2]	Percent Change From 1970-1980	Numeric Change From 1970-1980
ALABAMA	3,890,061	3,444,354[3]	12.9	445,707
Autauga	32,259	24,460	31.9	7,799
Baldwin	78,440	59,382	32.1	19,058
Barbour	24,756	22,543	9.8	2,213
Bibb	15,723	13,812	13.8	1,911
Blount	36,459	26,853	35.8	9,606
Bullock	10,596	11,824	-10.4	- 1,228
Butler	21,680	22,007	- 1.5	- 327
Calhoun	116,936	103,092	13.4	13,844
Chambers	39,191	36,356	7.8	2,835
Cherokee	18,760	15,606	20.2	3,154
Chilton	30,612	25,180	21.6	5,432
Choctaw	16,839	16,589	1.5	250
Clarke	27,702	26,724	3.7	978
Clay	13,703	12,636	8.4	1,067
Cleburne	12,595	10,996	14.5	1,599
Coffee	38,533	34,872	10.5	3,661
Colbert	54,519	49,632	9.8	4,887
Conecuh	15,884	15,645	1.5	239
Coosa	11,377	10,662	6.7	715
Covington	36,850	34,079	8.1	2,771
Crenshaw	14,110	13,188	7.0	922
Cullman	61,642	52,445	17.5	9,197
Dale	47,821	52,995	- 9.8	- 5,174
Dallas	53,981	55,296	- 2.4	- 1,315
DeKalb	53,658	41,981	27.8	11,677
Elmore	43,390	33,661	28.9	9,729
Escambia	38,392	34,912	10.0	3,480
Etowah	103,057	94,144	9.5	8,913
Fayette	18,809	16,252	15.7	2,557
Franklin	28,350	23,933	18.5	4,417
Geneva	24,253	21,924	10.6	2,329
Greene	11,021	10,650	3.5	371
Hale	15,604	15,888	- 1.8	- 284
Henry	15,302	13,254	15.5	2,048
Houston	74,632	56,574	31.9	18,058
Jackson	51,407	39,202	31.1	12,205
Jefferson	671,197	644,991	4.1	26,206
Lamar	16,453	14,335	14.8	2,118
Lauderdale	80,504	68,111	18.2	12,393
Lawrence	30,170	27,281	10.6	2,889
Lee	76,283	61,268	24.5	15,015
Limestone	46,005	41,699	10.3	4,306
Lowndes	13,253	12,897	2.8	356

Table 1 (Continued)
TOTAL POPULATION IN ALABAMA COUNTIES
1970 and 1980

County	April 1, 1980[1]	April 1, 1970[2]	Percent Change From 1970-1980	Numeric Change From 1970-1980
Macon	26,829	24,841	8.0	1,988
Madison	196,966	186,540	5.6	10,426
Marengo	25,047	23,819	5.2	1,228
Marion	30,041	23,788	26.3	6,253
Marshall	65,622	54,211	21.0	11,411
Mobile	364,379	317,308	14.8	47,071
Monroe	22,651	20,883	8.5	1,768
Montgomery	197,038	167,790	17.4	29,248
Morgan	90,231	77,306	16.7	12,925
Perry	15,012	15,388	- 2.4	- 376
Pickens	21,481	20,326	5.7	1,155
Pike	28,050	25,038	12.0	3,012
Randolph	20,075	18,331	9.5	1,744
Russell	47,356	45,394	4.3	1,962
St. Clair	41,205	27,956	47.4	13,249
Shelby	66,298	38,037	74.3	28,261
Sumter	16,908	16,974	- 0.4	- 66
Talladega	73,826	65,280	13.1	8,546
Tallapoosa	38,676	33,840	14.3	4,836
Tuscaloosa	137,473	116,029	18.5	21,444
Walker	68,660	56,246	22.1	12,414
Washington	16,821	16,241	3.6	580
Wilcox	14,755	16,303	- 9.5	- 1,548
Winston	21,953	16,654	31.8	5,299

[1]1980 Census.
[2]1970 Census.
[3]The total for the state shown here includes all corrections to the 1970 Census made subsequent to the release of the official state figure. The official 1970 Census count for Alabama was 3,444,165.

Table 2
ALABAMA
TOTAL POPULATION IN METROPOLITAN AREAS AND THEIR COMPONENT COUNTIES
1970 and 1980

Standard Metropolitan Statistical Area and County	April 1, 1980[1]	April 1, 1970[2]	Percent Change From 1970-1980	Numeric Change From 1970-1980
ANNISTON, ALABAMA	116,936	103,092	13.4	13,844
Calhoun County	116,936	103,092	13.4	13,844
BIRMINGHAM, ALABAMA	847,360	767,230	10.4	80,130
Jefferson County	671,197	644,991	4.1	26,206
St. Clair County	41,205	27,956	47.4	13,249
Shelby County	66,298	38,037	74.3	28,261
Walker County	68,660	56,246	22.1	12,414
COLUMBUS, GA. (Alabama Portion)	47,356	45,394	4.3	1,962
Russell County	47,356	45,394	4.3	1,962
FLORENCE, ALABAMA	135,023	117,743	14.7	17,280
Colbert County	54,519	49,632	9.8	4,887
Lauderdale County	80,504	68,111	18.2	12,393
GADSDEN, ALABAMA	103,057	94,144	9.5	8,913
Etowah County	103,057	94,144	9.5	8,913
HUNTSVILLE, ALABAMA	308,593	282,450	9.3	26,143
Limestone County	46,005	41,699	10.3	4,306
Madison County	196,966	186,540	5.6	10,426
Marshall County	65,622	54,211	21.0	11,411
MOBILE, ALABAMA	442,819	376,690	17.6	66,129
Baldwin County	78,440	59,382	32.1	19,058
Mobile County	364,379	317,308	14.8	47,071
MONTGOMERY, ALABAMA	272,687	225,911	20.7	46,776
Autauga County	32,259	24,460	31.9	7,799
Elmore County	43,390	33,661	28.9	9,729
Montgomery County	197,038	167,790	17.4	29,248
TUSCALOOSA, ALABAMA	137,473	116,029	18.5	21,444
Tuscaloosa County	137,473	116,029	18.5	21,444
METROPOLITAN	2,411,304	2,128,683	13.3	282,621
NONMETROPOLITAN	1,478,757	1,315,671	12.4	163,086

[1]1980 Cenusus.
[2]1970 Census.

Table 3
CIVILIAN POPULATION PROJECTIONS BY AGE, RACE, & SEX — JULY 1983
ALABAMA

Age, Race, & Sex	1970*	1975**	1983**	Net Change 1970—1975	Net Change 1970—1983
POPULATION TOTAL	3,410,871	3,593,107	3,990,496	182,236	579,625
Under 15 Years	1,022,018	960,941	946,395	-61,077	-75,623
15 — 19 Years	338,652	383,510	330,195	44,858	- 8,457
20 — 44 Years	1,033,767	1,161,171	1,473,683	127,404	439,916
45 — 64 Years	689,446	714,111	754,834	24,665	65,388
65 Years and Over	326,988	373,374	485,389	46,386	158,401
WHITE MALES — TOTAL	1,208,831	1,288,436	1,413,547	79,605	204,716
Under 15 Years	356,312	336,435	310,824	-19,877	-45,488
15 — 19 Years	115,969	129,715	115,260	13,746	- 709
20 — 44 Years	384,461	443,813	569,671	59,352	185,210
45 — 64 Years	252,788	266,319	273,690	13,531	20,902
65 Years & Over	99,301	112,154	144,102	12,853	44,801
WHITE FEMALES — TOTAL	1,297,469	1,376,894	1,525,525	79,425	228,056
Under 15 Years	338,166	325,810	309,579	-12,356	-28,587
15 — 19 Years	114,658	126,071	115,583	11,413	925
20 — 44 Years	425,188	458,469	543,379	33,281	118,191
45 — 64 Years	278,316	299,420	325,582	21,104	47,266
65 Years & Over	141,141	167,124	231,402	25,983	90,261
NONWHITE MALES — TOTAL	421,851	433,562	488,802	11,711	66,951
Under 15 Years	164,292	153,547	160,462	-10,745	- 3,830
15 — 19 Years	53,495	58,294	48,038	4,799	- 5,457
20 — 44 Years	96,543	118,593	177,373	22,050	80,830
45 — 64 Years	70,830	63,904	59,639	- 6,926	-11,191
65 Years & over	36,691	39,224	43,290	2,533	6,599
NONWHITE FEMALES — TOTAL	482,720	494,215	562,622	11,495	79,902
Under 15 Years	163,248	145,149	165,530	-18,099	2,282
15 — 19 Years	54,530	69,430	51,314	14,900	- 3,216
20 — 44 Years	127,575	140,296	183,260	12,721	55,685
45 — 64 Years	87,512	84,468	95,923	- 3,044	8,411
65 Years & over	49,855	54,872	66,595	5,017	16,740

* U. S. Department of Commerce, Bureau of the Census.
** FY 1983 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 4
CIVILIAN POPULATION PROJECTIONS BY AGE, RACE, & SEX — JULY 1983*
ALABAMA

Age	Total Population	White Males	White Females	Nonwhite Males	Nonwhite Females
Total	3,990,496	1,413,547	1,525,525	488,802	562,622
0—4	309,047	101,336	98,733	54,486	54,492
5—9	312,437	101,390	100,931	54,307	55,809
10—14	324,911	108,098	109,915	51,669	55,229
15—19	330,195	115,260	115,583	48,038	51,314
20—24	339,946	126,489	115,192	50,302	47,963
25—29	339,277	136,215	111,822	48,891	42,349
30—34	308,577	123,728	111,128	37,459	36,262
35—39	266,116	101,173	110,933	23,397	30,613
40—44	219,767	82,066	94,304	17,324	26,073
45—49	197,791	72,454	84,997	15,552	24,788
50—54	192,420	69,876	82,350	15,449	24,745
55—59	189,590	68,780	82,180	14,581	24,049
60—64	175,033	62,580	76,055	14,057	22,341
65—69	153,436	52,025	66,913	13,634	20,864
70—74	149,956	45,223	70,578	13,838	20,317
75 & Over	181,997	46,854	93,911	15,818	25,414

*FY 1983 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 5
TOTAL POPULATION PROJECTIONS FOR ALABAMA COUNTIES*
(in thousands)

	1990	2000
DISTRICT I		
Colbert	54.0	60.0
Lauderdale	87.2	95.2
Franklin	32.0	33.7
Marion	31.5	33.0
Winston	24.6	26.6
Lawrence	32.0	33.2
Limestone	50.5	54.1
Morgan	102.4	112.2
Cullman	71.8	75.7
Marshall	73.8	78.4
DeKalb	57.1	59.6
Jackson	59.0	64.0
DISTRICT II		
Lamar	16.6	17.0
Fayette	16.7	17.0
Bibb	14.8	15.1
Hale	14.3	13.9
Greene	9.8	9.6
Pickens	22.6	22.9
DISTRICT III		
Shelby	75.0	84.9
Walker	80.0	95.6
Blount	41.3	44.0
St. Clair	43.5	47.1
Chilton	33.5	34.5
DISTRICT IV		
Etowah	98.0	102.0
Cherokee	20.7	21.5
Calhoun	123.5	129.9
Cleburne	12.8	13.4
Talladega	71.3	72.3
Clay	13.8	14.2
Randolph	19.0	19.0
Coosa	11.5	11.9
Tallapoosa	38.4	39.0
Chambers	36.9	37.0

Table 5 (continued)
TOTAL POPULATION PROJECTIONS FOR ALABAMA COUNTIES*
(in thousands)

	1990	2000
DISTRICT V		
Lowndes	13.8	14.2
Butler	19.7	18.7
Crenshaw	14.8	15.0
Pike	28.5	29.3
Bullock	11.1	10.7
Russell	46.7	46.9
Macon	28.1	29.5
Lee	89.1	99.0
DISTRICT VI		
Choctaw	17.7	18.0
Marengo	22.1	21.5
Perry	13.2	13.0
Dallas	54.6	53.7
Wilcox	11.8	10.7
Monroe	23.1	23.4
Conecuh	15.3	14.9
Clarke	30.0	31.3
Washington	18.7	19.5
Sumter	15.9	15.4
DISTRICT VII		
Covington	34.0	34.0
Coffee	37.4	38.1
Dale	42.3	43.9
Barbour	27.1	28.0
Henry	16.7	17.6
Houston	83.7	92.0
Geneva	25.1	25.5
COUNTIES NOT INCLUDED IN DISTRICTS		
Autauga	39.3	46.0
Baldwin	90.3	100.0
Elmore	52.2	55.9
Escambia	39.4	40.2
Jefferson	687.5	703.3
Madison	221.4	239.2
Mobile	403.5	420.0
Montgomery	211.6	220.0
Tuscaloosa	148.0	157.3

*Standard (BEA-EPA) Population Projections. Prepared by the Bureau of Economic Analysis, U. S. Department of Commerce.

Table 6
TOTAL POPULATION
ALABAMA

	1950	1960				1970			
Age	Total	Total	% Change From 1950	Male	Female	Total	% Change From 1960	Male	Female
Under 15	1,000,367	1,108,552	+10.8	561,627	546,925	1,020,158	- 8.0	519,552	500,606
15 — 19	265,240	279,481	+ 5.4	139,709	139,772	341,751	+22.3	171,457	170,294
20 — 24	243,006	207,634	-14.6	99,655	107,979	274,544	+32.2	132,169	142,375
25 — 29	234,242	194,879	-16.8	92,990	101,889	216,947	+11.3	105,422	111,525
30 — 34	213,437	204,749	- 4.1	96,538	108,211	191,048	- 6.7	91,439	99,609
35 — 44	409,634	403,558	- 1.5	192,954	210,604	382,941	- 5.1	181,523	201,418
45 — 54	297,162	357,761	+20.4	173,300	184,431	372,973	+ 4.3	177,324	195,649
55 — 64	200,007	248,979	+24.5	117,861	131,118	317,842	+27.7	147,649	170,193
65 — 74	141,576	173,790	+22.8	79,007	94,783	207,904	+19.6	89,526	118,378
75 & Over	57,072	87,357	+53.1	38,038	49,319	118,057	+35.1	45,880	72,177
20 & Over	1,796,136	1,878,707	+ 4.6	890,373	988,334	2,082,256	+10.8	970,932	1,111,324
% of Total	58.7	57.5				60.5			
All Ages-Total	3,061,743	3,266,740	+ 6.7	1,591,709	1,675,031	3,444,165	+ 5.4	1,661,941	1,782,224
% Female					51.3				51.7

Table 7A
CHARACTERISTICS OF THE CIVILIAN LABOR FORCE[1]
1981 ANNUAL AVERAGES
ALABAMA

	Civilian Labor Force	Employment	Unemployment	Rate[2]
TOTAL	1,666,000	1,448,000	178,000	10.7
Male	946,000	855,000	91,000	9.6
Female	719,000	632,000	87,000	12.0
Male (20 years and over)	871,000	798,000	74,000	8.4
Female (20 years and over)	661,000	593,000	68,000	10.3
Both sexes (16-19 years)	132,000	97,000	36,000	27.0
WHITE	1,277,000	1,181,000	96,000	7.5
Male	747,000	697,000	50,000	6.7
Female	530,000	484,000	46,000	8.6
Male (20 years and over)	689,000	650,000	39,000	5.6
Female (20 years and over)	488,000	452,000	36,000	7.4
Both sexes (16-19 years)	100,000	79,000	21,000	20.9
BLACK	383,000	302,000	82,000	21.3
Male	197,000	156,000	41,000	20.7
Female	186,000	145,000	41,000	21.9
Male (20 years and over)	181,000	146,000	35,000	19.3
Female (20 years and over)	171,000	139,000	32,000	18.8

[1]This information is based on data collected for the Bureau of Labor Statistics by the Bureau of the Census as part of the Current Population Survey (CPS).
[2]Unemployment rates computed using unrounded data.

NOTE: Due to rounding, figures may not add.

Table 7B
CIVILIAN LABOR FORCE BY AGE[1]
1981 ANNUAL AVERAGES
ALABAMA

Age	Civilian Labor Force	Employment	Unemployment	Rate[2]
TOTAL - All Races	1,666,000	1,488,000	178,000	10.7
16 — 19	132,000	97,000	36,000	27.0
20 — 24	242,000	194,000	48,000	19.8
25 — 34	462,000	419,000	43,000	9.3
35 — 44	343,000	319,000	24,000	7.1
45 — 54	277,000	260,000	16,000	5.9
55 — 64	163,000	154,000	9,000	5.4
65+	45,000	44,000	1,000	3.1

[1]This information is based on data collected for the Bureau of Labor Statistics by the Bureau of the Census as part of the Current Population Survey (CPS).
[2]Unemployment rate computed using unrounded data.

NOTE: Due to rounding, figures may not add.

Table 8
CIVILIAN LABOR FORCE PROJECTIONS BY AGE, RACE, & SEX — July 1983*
ALABAMA

Age, Race & Sex	Labor Force	Unemployment	Unemployment Rate
TOTAL	1,699,000	178,395	10.5
16 — 17	38,681	13,398	34.6
18 — 19	64,300	19,415	30.2
20 — 24	231,594	46,114	19.9
25 — 34	513,793	52,042	10.1
35 — 44	376,042	24,351	6.5
45 — 64	428,661	21,283	5.0
65 & Over	45,929	1,792	3.9
WHITE MALES — TOTAL	767,197	55,395	7.2
16 — 17	18,890	5,380	28.5
18 — 19	27,676	4,980	18.0
20 — 24	100,655	12,953	12.9
25 — 34	233,845	16,070	6.9
35 — 44	162,725	7,724	4.7
45 — 64	200,464	7,758	3.9
65 & Over	22,942	530	2.3
WHITE FEMALES — TOTAL	556,424	49,870	9.0
16 — 17	11,297	3,658	32.4
18 — 19	21,773	5,949	27.3
20 — 24	70,748	10,264	14.5
25 — 34	153,097	15,347	10.0
35 — 44	143,303	8,268	5.8
45 — 64	142,589	5,997	4.2
65 & Over	13,617	387	2.8
NONWHITE MALES — TOTAL	202,238	34,003	16.8
16 — 17	5,283	1,858	35.2
18 — 19	8,758	3,230	36.9
20 — 24	36,191	9,581	26.5
25 — 34	73,604	11,697	15.9
35 — 44	33,709	3,775	11.2
45 — 64	39,446	3,324	8.4
65 & Over	5,247	538	10.3
NONWHITE FEMALES — TOTAL	173,141	39,127	22.6
16 — 17	3,211	2,502	77.9
18 — 19	6,093	5,256	86.3
20 — 24	24,000	13,316	55.5
25 — 34	53,247	8,928	16.8
35 — 44	36,305	4,584	12.6
45 — 64	46,162	4,204	9.1
65 & Over	4,123	337	8.2

* FY 1983 Projections, Lawrence Berkeley Laboratory, University of California at Berkeley.

Table 9
UNEMPLOYMENT RATES*
ALABAMA AND U.S.

Date	Unadjusted	
	Alabama	U.S.
1970 Annual Average	5.9	4.9
1971 Annual Average	5.5	5.9
1972 Annual Average	4.5	5.6
1973 Annual Average	4.5	4.9
1974 Annual Average	5.5	5.6
1975 Annual Average	7.7	8.5
1976 Annual Average	6.8	7.7
1977 Annual Average	7.4	7.1
1978 Annual Average	6.3	6.1
1979 Annual Average	7.1	5.8
1980 Annual Average	8.8	7.1
1981 Annual Average	10.7	7.6
Monthly Rates for January 1981 — March 1982		
January 1981	10.5	8.2
February	10.8	8.0
March	11.0	7.7
April	10.3	7.0
May	10.4	7.1
June	11.4	7.7
July	11.0	7.3
August	10.5	7.2
September	10.2	7.3
October	10.5	7.5
November	10.7	7.9
December	11.0	8.3
January 1982	14.8	9.4
February	14.0	9.6
March[P]	14.0	9.5

* National Data — Bureau of Labor Statistics, Department of Labor. State Data — Alabama Department of Industrial Relations, Research and Statistics Division. Adjusted to the 1981 Current Population survey Benchmark.
[P]Preliminary.

Table 10
CIVILIAN LABOR FORCE — 1970 — 1981[1]
(rounded to hundreds)
ALABAMA

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						1970							
CIVILIAN LABOR FORCE	1291.8	1302.5	1314.2	1337.4	1354.8	1369.0	1358.0	1363.1	1386.2	1391.8	1378.9	1364.0	1351.0
Employment	1222.1	1227.0	1240.0	1265.1	1283.5	1274.6	1271.6	1281.8	1303.7	1308.6	1292.1	1281.9	1271.0
Unemployment	69.7	75.5	74.2	72.3	71.3	94.4	86.4	81.3	82.5	83.2	86.8	82.1	80.0
Unemployment Rate	5.4	5.8	5.6	5.4	5.3	6.9	6.4	6.0	6.0	6.0	6.3	6.0	5.9
						1971							
CIVILIAN LABOR FORCE	1325.7	1332.8	1343.6	1367.5	1386.6	1396.0	1386.0	1388.3	1400.5	1415.5	1394.0	1375.7	1376.0
Employment	1244.4	1251.8	1266.2	1296.3	1320.7	1313.4	1309.9	1314.6	1328.0	1342.2	1320.0	1304.7	1301.0
Unemployment	81.3	81.0	77.4	71.2	65.9	82.6	76.1	73.7	72.5	73.3	74.0	71.0	75.0
Unemployment Rate	6.1	6.1	5.8	5.2	4.8	5.9	5.5	5.3	5.2	5.2	5.3	5.2	5.5
						1972							
CIVILIAN LABOR FORCE	1347.8	1352.1	1367.9	1378.5	1398.4	1401.2	1392.2	1392.7	1404.6	1414.4	1385.0	1373.4	1383.0
Employment	1274.7	1282.4	1303.9	1315.6	1339.9	1331.8	1329.6	1335.8	1345.4	1356.8	1329.8	1318.4	1322.0
Unemployment	73.1	69.7	64.0	62.9	58.5	69.4	62.6	56.9	59.2	57.6	55.2	55.0	62.0
Unemployment Rate	5.4	5.2	4.7	4.6	4.2	5.0	4.5	4.1	4.2	4.1	4.0	4.0	4.5
						1973							
CIVILIAN LABOR FORCE	1343.9	1348.3	1359.2	1368.0	1392.2	1408.3	1404.3	1405.9	1410.3	1418.6	1397.2	1387.8	1387.0
Employment	1282.2	1285.5	1296.6	1310.5	1335.3	1334.2	1336.9	1343.9	1350.2	1358.2	1339.4	1327.1	1325.0
Unemployment	61.7	62.8	62.6	57.5	56.9	74.1	67.4	62.0	60.1	60.4	57.8	60.7	62.0
Unemployment Rate	4.6	4.7	4.6	4.2	4.1	5.3	4.8	4.4	4.3	4.3	4.1	4.4	4.5
						1974							
CIVILIAN LABOR FORCE	1363.5	1371.9	1380.5	1392.7	1405.6	1443.1	1431.2	1430.9	1430.4	1442.5	1440.2	1423.2	1414.0
Employment	1289.2	1296.8	1309.4	1322.6	1342.1	1361.3	1352.2	1356.7	1353.4	1361.8	1348.9	1325.5	1335.0
Unemployment	74.3	75.1	71.1	70.1	63.5	81.8	79.0	74.2	77.0	80.7	91.3	97.7	78.0
Unemployment Rate	5.5	5.5	5.2	5.0	4.5	5.7	5.5	5.2	5.4	5.6	6.3	6.9	5.5
						1975							
CIVILIAN LABOR FORCE	1393.0	1395.4	1400.6	1412.4	1438.0	1458.7	1480.7	1466.5	1459.5	1468.0	1455.0	1439.9	1439.0
Employment	1287.6	1279.3	1280.3	1300.8	1330.4	1338.6	1365.8	1356.3	1351.3	1361.6	1348.0	1335.9	1328.0
Unemployment	105.4	116.1	120.3	111.6	107.6	120.1	114.9	110.2	108.2	106.4	107.0	104.0	111.0
Unemployment Rate	7.6	8.3	8.6	7.9	7.5	8.2	7.8	7.5	7.4	7.3	7.4	7.2	7.7
						1976							
CIVILIAN LABOR FORCE	1465.3	1453.2	1464.8	1495.6	1507.1	1528.7	1547.9	1510.1	1507.1	1516.9	1527.6	1523.9	1504.0
Employment	1357.8	1348.2	1362.8	1398.3	1410.6	1419.0	1442.9	1412.8	1409.8	1417.5	1423.4	1421.0	1402.0
Unemployment	107.5	105.0	102.0	97.3	96.5	109.7	105.0	97.3	97.3	99.4	104.2	102.9	102.0
Unemployment Rate	7.3	7.2	7.0	6.5	6.4	7.2	6.8	6.4	6.5	6.6	6.8	6.8	6.8
						1977							
CIVILIAN LABOR FORCE	1506.3	1496.1	1521.3	1553.6	1575.1	1603.2	1621.1	1588.4	1591.4	1596.4	1592.5	1582.4	1569.0
Employment	1386.8	1366.8	1401.1	1441.6	1463.2	1479.2	1491.7	1472.2	1479.4	1487.1	1478.6	1476.2	1452.0
Unemployment	119.5	129.3	120.2	112.0	111.9	124.0	129.4	116.2	112.0	109.3	113.9	106.2	117.0
Unemployment Rate	7.9	8.6	7.9	7.2	7.1	7.7	8.0	7.3	7.0	6.8	7.2	6.7	7.4
						1978							
CIVILIAN LABOR FORCE	1564.1	1567.1	1588.8	1610.8	1631.6	1655.6	1670.8	1656.4	1654.2	1661.4	1648.6	1650.4	1630.0
Employment	1446.8	1458.2	1481.0	1516.8	1538.2	1545.9	1551.8	1554.5	1556.8	1563.9	1552.8	1545.0	1526.0
Unemployment	117.3	108.9	107.8	94.0	93.4	109.7	119.0	101.9	97.4	97.5	95.8	105.4	104.0
Unemployment Rate	7.5	6.9	6.8	5.8	5.7	6.6	7.1	6.2	5.9	5.9	5.8	6.4	6.3
						1979							
CIVILIAN LABOR FORCE	1614.0	1624.5	1639.3	1643.4	1674.5	1689.2	1690.9	1674.9	1686.6	1695.8	1676.5	1670.3	1665.0
Employment	1503.8	1509.0	1521.6	1536.5	1562.3	1558.7	1555.8	1555.2	1565.7	1578.1	1558.6	1546.7	1546.0
Unemployment	110.2	115.5	117.7	106.9	112.2	130.5	135.1	119.7	120.9	117.7	117.9	123.6	119.0
Unemployment Rate	6.8	7.1	7.2	6.5	6.7	7.7	8.0	7.1	7.2	6.9	7.0	7.4	7.1
						1980							
CIVILIAN LABOR FORCE	1640.5	1648.8	1656.6	1662.2	1688.6	1683.6	1695.7	1680.8	1681.9	1694.0	1676.5	1666.8	1673.0
Employment	1514.2	1522.7	1527.6	1538.6	1547.4	1527.4	1517.6	1520.2	1527.2	1538.6	1519.9	1510.6	1526.0
Unemployment	126.3	126.1	129.0	123.6	141.2	156.2	178.1	160.6	154.7	155.4	156.6	156.2	147.0
Unemployment Rate	7.7	7.6	7.8	7.4	8.4	9.3	10.5	9.6	9.2	9.2	9.3	9.4	8.8
						1981							
CIVILIAN LABOR FORCE	1645.8	1650.8	1662.8	1661.5	1671.2	1676.2	1673.3	1657.6	1668.5	1686.0	1672.8	1665.6	1666.0
Employment	1473.3	1471.8	1480.5	1491.0	1496.9	1485.3	1489.6	1482.9	1498.0	1509.5	1494.3	1483.1	1488.0
Unemployment	172.5	179.0	182.3	170.5	174.3	190.9	183.7	174.7	170.5	176.5	178.5	182.5	178.0
Unemployment Rate	10.5	10.8	11.0	10.3	10.4	11.4	11.0	10.5	10.2	10.5	10.7	11.0	10.7

[1]Place of residence basis. Employment and unemployment estimates have been adjusted to Current Population Survey benchmarks. New methodologies are employed, under the direction of the U. S. Department of Labor, Bureau of Labor Statistics.

METHODOLOGY FOR DEVELOPMENT OF OCCUPATIONAL PROJECTIONS

The 1978 and 1985 projections of occupational employment presented here were prepared by utilizing a matrix industry/occupational concept as introduced in *Tomorrow's Manpower Needs*, BLS Bulletin 1606 and its supplements. Four general steps were followed: (1) collection and estimation of occupational staffing patterns by industry; (2) development of projections of wage and salary employment by industry; (3) matrix development of matching occupational staffing patterns to projected industry growth (or decline); and (4) calculation of estimates of replacement requirements by occupation.

The procedure, technical assistance, and computer service support were provided by the U.S. Department of Labor, Bureau of Labor Statistics, as part of the Occupational Employment Statistics program.

Collection Activities

The OES Program generates occupational estimates on an industry-by-industry basis to determine job needs for occupational guidance and training purposes. Employers who have been randomly selected and stratified by industry and size provide occupational classification from a listing of detailed job descriptions. The entire nonagricultural economy is collected and estimated over a three-year cycle by state employment security agencies. Periodic publications of occupational estimates by industry are released by the Alabama Department of Industrial Relations after each survey is completed and analyzed. Collection activities began in 1973.

To elicit a high and accurate response, the collection instruments are tailored to the industry's occupational structure. Although each survey questionnaire is limited to a maximum of 200 occupations, total employment is collected in each industry. Data on small or unusual occupations are collected in appropriate residual categories, such as "all other engineers" and "all other laborers."

More than 1,800 specific occupations have been collected for almost 400 detailed industries. The industries are categorized by the *Standard Industrial Classification Manual* at the three- and four-digit industry level. The sample is drawn from the ES-202, an employment report of the unemployment insurance system. Self-employed and unpaid family workers are not included.

A listing of all occupational titles in the matrix, with corresponding OES Matrix Codes, is available upon request. Employment and job openings data are not included in this listing.

Development of Industrial Projections

All industries are adjusted to the base year, 1978, and projected to 1985. Occupational estimates, beginning with the 1977 survey of manufacturing, are incorporated along with survey data and other estimates until the nonagricultural economy is covered through 1979. Employment levels for each industrial series were developed using least squares regression and/or shift and share analysis and are projected to the target year of 1985. The final 1985 projected matrix is a blend of the occupational structure in each industry applied to the projected industry trend to 1985, as

exhibited by historical employment movement at the detailed industry level. The estimates from the various OES surveys are adjusted to total employment for a single, standard reference date—in this case, annual average 1978 employment. In this procedure, OES survey estimates are applied to industry controls from the Current Employment Statistics Program (BLS-790 series). After adjustment to annual average industry data, the survey estimates are processed through a computer system that interprets the analysts' decisions to disaggregate the residuals and regroup the data into the matrix format for the base year (1978) for 369 detailed industries and 74 summary level industries.

Matrix Development

To develop cross-industry estimates for each detailed occupation, the occupational content and size must be disaggregated from the residual category. For example, the total number of accountants would be the sum of accountants specifically collected (most industries) plus the accountants estimated in the "all other professional" category in the remaining industries. Since the content of the residual categories differs from industry to industry, the estimation of total employment by occupation through simple aggregation of the survey data is not possible. Employment in the residual categories must be partially disaggregated to specific OES survey-based matrix occupations before cross-industry estimates can be tabulated. In the disaggregation process, the residuals are proportioned out using state specific occupational patterns in the 1974 Census-based matrix.

The final matrix occupation list contains 1,282 detailed occupations and 221 summary level titles distributed among 369 detailed industries based on industrial definitions contained in the 1972 Standard Industrial Classification (SIC) system.

The survey occupational titles are arranged into the Census-based matrix occupational grouping system and assigned a coding structure similar to that used in the Census-based matrix, which is already familiar to many of the users of the data.

Each OES occupational title was assigned to a Census occupational group (3-digit code). Documents used in making these analytical decisions are: the OES survey dictionary, the *Dictionary of Occupational Titles* (4th edition), and the *Census Classified* and *Alphabetical Indexes*.

Replacement Demand

The replacement demand data shown in the tables are estimates of the average number of workers that will be required each year during the projection period to replace workers who die, retire, or leave the labor force for other reasons, such as disability or family responsibilities. These estimates are based on separation rates by age and sex derived from national mortality and working life tables, which were applied to the age and sex distribution of the state's labor force by occupation. The resulting separation rate for each occupation was applied to interpolated employment for 1980. The rates do not reflect job openings due to labor turnover or occupational mobility. Statewide rates were used in estimating replacement needs for SMSA's.

Table 11
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
TOTAL, ALL OCCUPATIONS	0	1,333,750	100.00	1,513,260	100.00
PROFESS, TECHN, & KINDRED WORKERS	10000000	209,310	15.69	247,970	16.39
ENGINEERS	10020000	15,140	1.14	17,050	1.13
AERO-ASTRONAUTIC ENGINEERS	10020200	1,890	0.14	2,050	0.14
CHEMICAL ENGINEERS	10020400	670	0.05	750	0.05
CIVIL ENGINEERS	10020600	2,570	0.19	2,720	0.18
ELECTRICAL ENGINEERS	10020800	3,340	0.25	4,030	0.27
INDUSTRIAL ENGINEERS	10021000	1,170	0.09	1,300	0.09
MECHANICAL ENGINEERS	10021200	2,100	0.16	2,440	0.16
METALLURGICAL ENGINEERS	10021400	180	0.01	180	0.01
MINING ENGINEERS	10021600	140	0.01	130	0.01
PETROLEUM ENGINEERS	10021800	50	0.00	60	0.00
OTHER ENGINEERS	10022000	3,030	0.23	3,330	0.22
TRAFFIC ENGINEERS	10022003	120	0.01	130	0.01
NUCLEAR ENGINEERS	10022004	40	0.00	40	0.00
ALL OTHER ENGINEERS	10022099	2,870	0.21	3,160	0.21
LIFE & PHYSICAL SCIENTISTS	10040000	2,400	0.18	2,630	0.17
AGRICULTURAL SCIENTISTS	10040200	290	0.02	320	0.02
ATMOSPHERIC SCIENTISTS	10040400	30	0.00	30	0.00
LIFE SCIENTISTS	10040600	440	0.03	470	0.03
BIOLOGICAL SCIENTISTS	10040601	430	0.03	460	0.03
CHEMISTS	10040800	890	0.07	980	0.06
GEOLOGISTS	10041000	120	0.01	130	0.01
PHYSICISTS	10041400	320	0.02	350	0.02
LIFE, PHYSICAL SCIENTISTS, NEC	10041600	310	0.02	350	0.02
MATHEMATICAL SPECIALISTS	10060000	650	0.05	750	0.05
ACTUARIES	10060200	30	0.00	30	0.00
MATHEMATICAL SCIENTISTS	10060400	480	0.04	570	0.04
MATHEMATICIANS	10060402	390	0.03	470	0.03
ALL OTHER MATH SCIENTISTS	10060403	90	0.01	100	0.01
STATISTICIANS	10060600	140	0.01	150	0.01
ENGINEERING, SCIENCE TECHNS	10080000	15,980	1.20	17,970	1.19

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
DRAFTERS	10080600	3,890	0.29	4,410	0.29
ELECTRICAL, ELECTRONIC TECHNS	10080800	4,320	0.32	5,080	0.34
ELECTRICAL & ELECTRONIC TECHNS	10080803	4,000	0.30	4,720	0.31
BROADCAST TECHNICIANS	10080808	280	0.02	320	0.02
INDUSTRIAL ENGINEERING TECHNS	10081000	380	0.03	430	0.03
MATHEMATICAL TECHNICIANS	10081200	50	0.00	50	0.00
MECHANICAL ENGINEERING TECHNS	10081400	200	0.01	250	0.02
SURVEYORS	10081600	1,220	0.09	1,290	0.08
ENGINEERING, SCIENCE TECHNS, NEC	10081800	5,920	0.44	6,460	0.43
TIMBER CRUISERS	10081808	290	0.02	300	0.02
TRAFFIC TECHNICIANS	10081813	150	0.01	150	0.01
CIVIL ENGINEERING TECHNICIANS	10081816	300	0.02	320	0.02
ALL OTHER ENG TECHNS	10081898	3,130	0.23	3,400	0.22
ALL OTHER SCIENCE TECHNICIANS	10081899	2,020	0.15	2,260	0.15
MEDICAL WORKERS, EX TECHNS	10100000	22,800	1.71	29,600	1.96
DENTISTS	10100400	600	0.04	810	0.05
DIETITIANS	10100600	890	0.07	1,100	0.07
NURSES & PHYSICIANS ASSTS	10100800	13,720	1.03	17,990	1.19
OPTOMETRISTS	10101000	70	0.01	90	0.01
PHARMACISTS	10101200	1,950	0.15	2,260	0.15
PHYSICIANS, MED & OSTEOPATH	10101400	3,020	0.23	4,020	0.27
THERAPISTS	10101800	2,470	0.19	3,240	0.21
OCCUPATIONAL THERAPISTS	10101801	90	0.01	120	0.01
MANUAL ARTS, MUSIC, REC THERAPISTS	10101802	410	0.03	560	0.04
SPEECH & HEARING CLINICIANS, ETC	10101803	460	0.03	550	0.04
PHYSICAL THERAPISTS	10101804	360	0.03	480	0.03
INHALATION THERAPISTS	10101809	830	0.06	1,130	0.07
ALL OTHER THERAPISTS	10101810	310	0.02	380	0.02
VETERINARIANS	10102000	80	0.01	90	0.01
HEALTH TECHNOLS & TECHNS	10120000	20,500	1.54	27,590	1.82
CLINICAL LAB TECHNOLS, TECHNS	10120200	3,070	0.23	4,160	0.28

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
MEDICAL LAB TECHNOLOGISTS	10120201	1,320	0.10	1,760	0.12
BIOCHEMISTRY TECHNOLOGISTS	10120202	130	0.01	170	0.01
MICROBIOLOGY TECHNOLOGISTS	10120203	120	0.01	170	0.01
CYTOTECHNOLOGISTS	10120204	80	0.01	110	0.01
HISTOLOGIC TECHNOLOGISTS	10120205	100	0.01	140	0.01
MEDICAL LAB ASSISTANTS	10120206	1,180	0.09	1,620	0.11
BLOOD BANK TECH SPECIALISTS	10120207	140	0.01	190	0.01
DENTAL HYGIENISTS & ASSISTANTS	10120400	2,610	0.20	3,570	0.24
DENTAL ASSISTANTS	10120401	1,570	0.12	2,140	0.14
DENTAL HYGIENISTS	10120402	1,040	0.08	1,430	0.09
HEALTH RECORD TECHNOLS, TECHNS	10120600	340	0.03	460	0.03
RADIOLOGIC TECHNOLS, TECHNS	10120800	1,520	0.11	2,060	0.14
X-RAY TECHNICIANS	10120801	1,110	0.08	1,530	0.10
RADIOLOGIC TECHNS & NUC MED TECHNS	10120804	410	0.03	530	0.04
OTHER HEALTH TECHNOLS, TECHNS	10121000	12,960	0.97	17,340	1.15
SURGICAL TECHNICIANS	10121002	480	0.04	660	0.04
EKG TECHNICIANS	10121006	300	0.02	400	0.03
EEG TECHNICIANS	10121007	90	0.01	120	0.01
PHARMACY HELPERS	10121009	530	0.04	710	0.05
LICENSED PRACTICAL NURSES	10121010	9,690	0.73	13,060	0.86
DIETETIC TECHNICIANS	10121011	230	0.02	310	0.02
PHYSICAL THERAPY TECHNICIANS	10121012	420	0.03	580	0.04
ALL OTHER MED & DENT TECHNS	10121099	1,200	0.09	1,490	0.10
TECHNICIANS, EX HEALTH OR S & E	10140000	3,580	0.27	4,000	0.26
AIRPLANE PILOTS	10140200	570	0.04	640	0.04
AIR TRAFFIC CONTROLLERS	10140400	430	0.03	470	0.03
EMBALMERS	10140600	220	0.02	240	0.02
RADIO OPERATORS	10141000	190	0.01	200	0.01
TOOL PROGRAMMERS, NUMERICAL CONT	10141200	80	0.01	80	0.01
OTHER TECHNS, EX HEALTH OR S & E	10141400	2,090	0.16	2,370	0.16
ALL OTHER TECHNICIANS	10141404	1,780	0.13	2,000	0.13
TECHNICAL ASSISTANTS, LIBRARY	10141405	300	0.02	350	0.02

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
COMPUTER SPECIALISTS	10160000	4,370	0.33	5,220	0.34
COMPUTER PROGRAMMERS	10160200	1,880	0.14	2,300	0.15
COMPUTER SYSTEMS ANALYSTS	10160400	2,490	0.19	2,920	0.19
SOCIAL SCIENTISTS	10180000	1,700	0.13	1,970	0.13
ECONOMISTS	10180200	310	0.02	330	0.02
FINANCIAL ANALYSTS	10180201	70	0.00	80	0.01
ECONOMISTS	10180202	240	0.02	250	0.02
PSYCHOLOGISTS	10180600	620	0.05	770	0.05
SOCIOLOGISTS	10180800	190	0.01	250	0.02
URBAN & REGIONAL PLANNERS	10181000	410	0.03	430	0.03
OTHER SOCIAL SCIENTISTS	10181200	170	0.01	190	0.01
TEACHERS	10200000	65,280	4.89	77,640	5.13
ADULT EDUCATION TEACHERS	10201000	2,410	0.18	2,740	0.18
COLLEGE & UNIVERSITY TEACHERS	10202000	18,180	1.36	21,690	1.43
TEACHERS, VOCATIONAL ED OR TRAIN	10202001	810	0.06	960	0.06
TEACHERS, COLLEGE	10202002	14,240	1.02	16,990	1.12
GRADUATE ASSISTANTS	10202003	2,930	0.22	3,500	0.23
EXTENSION SERVICE SPECIALISTS	10202004	200	0.02	240	0.02
ELEMENTARY SCHOOL TEACHERS	10203000	24,470	1.83	29,090	1.92
SECONDARY SCHOOL TEACHERS	10205000	20,060	1.50	23,940	1.58
TEACHERS, NEC	10206000	160	0.01	180	0.01
DANCE INSTRUCTORS	10206001	100	0.01	120	0.01
ALL OTHER TEACHERS	10206099	60	0.00	60	0.00
WRITERS, ARTISTS, & ENTERTAINERS	10220000	9,050	0.68	10,260	0.68
ACTORS	10220200	30	0.00	30	0.00
ATHLETES & KINDRED WORKERS	10220400	360	0.03	420	0.03
ATHLETES	10220401	140	0.01	160	0.01
SPORTS INSTRUCTORS	10220403	140	0.01	160	0.01
UMPIRES	10220404	70	0.01	80	0.01
DESIGNERS	10221000	1,510	0.11	1,740	0.11
DESIGNERS	10221001	1,510	0.11	1,740	0.11
EDITORS & REPORTERS	10221200	1,670	0.12	1,910	0.13

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
WRITERS &/OR EDITORS	10221201	1,040	0.08	1,210	0.08
REPORTERS & CORRESPONDENTS	10221203	610	0.05	680	0.05
MUSICIANS	10221400	2,630	0.20	2,890	0.19
MUSICIANS, INSTRUMENTAL	10221404	2,630	0.20	2,890	0.19
PAINTERS	10221600	530	0.04	630	0.04
COMMERCIAL ARTISTS	10221601	520	0.04	620	0.04
PHOTOGRAPHERS	10221800	610	0.05	680	0.05
PHOTOGRAPHERS	10221801	540	0.04	610	0.04
TELEVISION CAMERA OPERATORS	10221802	70	0.01	70	0.01
PUBLIC RELATIONS SPECIALISTS	10222000	690	0.05	800	0.05
RADIO, TV ANNOUNCERS	10222200	1,010	0.08	1,140	0.08
ANNOUNCERS	10222201	900	0.07	1,020	0.07
BROADCAST NEWS ANALYSTS	10222202	110	0.01	120	0.01
OTHER PROFESSIONAL & TECHN WKRS	10240000	47,860	3.59	53,290	3.52
ACCOUNTANTS	10240200	9,080	0.68	10,030	0.66
ACCOUNTANTS & AUDITORS	10240201	7,990	0.60	8,880	0.59
TAX EXAMINERS, COLLECTRS, REV AGT	10240203	850	0.06	880	0.06
TAX PREPARERS	10240204	240	0.02	270	0.02
ARCHITECTS	10240400	310	0.02	340	0.02
BUYERS & PURCHASING AGENTS	10240800	5,370	0.40	6,050	0.40
PURCHASING AGENTS &/OR BUYERS	10240801	2,560	0.19	2,820	0.19
BUYERS, RETAIL &/OR WHOLSL TRADE	10240804	2,680	0.20	3,060	0.20
RIGHT-OF-WAY AGENTS	10240805	110	0.01	130	0.01
CLERGY	10241000	7,010	0.53	7,670	0.51
DIRECTORS , REL ACT & OR REL ED	10241200	640	0.05	700	0.05
FORESTERS	10241600	350	0.03	360	0.02
JUDGES	10242000	630	0.05	660	0.04
JUDGES	10242001	570	0.04	590	0.04
MAGISTRATES	10242002	60	0.00	70	0.00
LAWYERS & KINDRED WORKERS	10242200	2,380	0.18	2,900	0.19
LAW CLERKS	10242201	430	0.03	540	0.04
LAWYERS	10242202	1,770	0.13	2,140	0.14

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
PARALEGAL PERSONNEL	10242203	180	0.01	220	0.01
LIBRARIANS	10242400	2,430	0.18	2,870	0.19
LIBRARIANS	10242401	2,330	0.17	2,750	0.18
AUDIO VISUAL SPECIALISTS	10242402	100	0.01	120	0.01
PERSONNEL, LABOR REL SPECIALISTS	10242800	3,000	0.23	3,320	0.22
PERSONNEL, LABOR REL SPECIALISTS	10242802	2,130	0.16	2,330	0.15
EMPLOYMENT INTERVIEWERS	10242803	870	0.07	990	0.07
RECREATION WORKERS	10243200	1,240	0.09	1,340	0.09
GROUP RECREATION WORKERS	10243201	1,200	0.09	1,290	0.09
CAMP DIRECTORS	10243206	40	0.00	50	0.00
SOCIAL WORKERS	10243400	4,620	0.35	4,900	0.32
CASEWORKERS	10243401	4,110	0.31	4,350	0.29
WELFARE INVESTIGATORS	10243404	50	0.00	50	0.00
COMMUNITY ORGANIZATION WORKERS	10243405	460	0.03	500	0.03
VOCATIONAL, EDUC COUNSELORS	10243600	1,760	0.13	2,030	0.13
ALL OTHER PROFESSIONAL WORKERS	10243800	9,030	0.68	10,110	0.67
TECHNICAL DIRECTORS	10243802	30	0.00	30	0.00
HOSPITAL INS REPRESENTATIVES	10243803	30	0.00	30	0.00
SAFETY INSPECTORS	10243804	40	0.00	40	0.00
APPRAISERS	10243807	40	0.00	50	0.00
COST ESTIMATORS	10243808	1,290	0.10	1,380	0.09
CREDIT ANALYSTS, CHIEF	10243809	100	0.01	120	0.01
CREDIT ANALYSTS	10243810	320	0.02	390	0.03
TITLE EXAMINERS &/OR ABSTRACTORS	10243811	140	0.01	150	0.01
UNDERWRITERS	10243814	560	0.04	630	0.04
INVESTIGATORS, INSURANCE	10243815	50	0.00	60	0.00
APPRAISERS, REAL ESTATE	10243816	290	0.02	320	0.02
ASSESSORS	10243817	220	0.02	230	0.02
CLAIM TAKERS, UNEMP BENEFITS	10243818	170	0.01	170	0.01
SPECIAL AGENTS, INSURANCE	10243820	200	0.01	200	0.01
TRAVEL AGTS, TR ACCOM APPRAISERS	10243821	260	0.02	280	0.02
CLAIM EXAMINERS, PRPTY/CSLTY INS	10243822	190	0.01	220	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
ALL OTHER PROFESSIONAL	10243899	5,090	0.38	5,780	0.38
MANAGERS & OFFICIALS	20000000	93,930	7.04	106,500	7.04
SALES MANAGERS	20020000	3,230	0.24	3,610	0.24
SALES MANAGERS, RETAIL TRADE	20020800	3,230	0.24	3,610	0.24
ADMINISTRATORS, PUB INSPECTORS	20040000	2,330	0.19	2,640	0.17
CONSTRUCTION INSPECTORS, PUB ADM	20040400	420	0.03	450	0.03
INSPECTORS, EX CONST, PUB ADM	20040800	1,340	0.12	1,600	0.11
POSTMASTERS & MAIL SUPERINTS	20041200	570	0.04	590	0.04
OTHER MANAGERS & OFFICIALS	20060000	88,170	6.61	100,250	6.62
RAILROAD CONDUCTORS	20061200	730	0.05	690	0.05
RESTAURANT, CAFE, & BAR MGRS	20061400	4,610	0.35	5,680	0.38
OTHER MGRS, ADMINISTRATORS	20061600	82,830	6.21	93,880	6.20
MANAGERS, STORE	20061612	12,520	0.94	14,140	0.93
MANAGERS, AUTO SERVICE DEPT	20061613	910	0.07	1,000	0.07
MANAGERS, AUTO PARTS DEPT	20061614	590	0.04	640	0.04
WHOLESALERS	20061615	2,480	0.19	2,830	0.19
ALL OTHER MANAGERS	20061699	66,330	4.97	75,270	4.97
SALES WORKERS	30000000	75,280	5.64	83,610	5.52
INSURANCE AGENTS, BROKERS, ETC	30001000	4,970	0.37	5,200	0.34
SALES AGENTS, SALES REPS, INSURANAE	30001005	4,950	0.37	5,180	0.34
REAL ESTATE AGENTS, BROKERS	30001400	850	0.06	930	0.06
REAL ESTATE BROKERS	30001402	100	0.01	110	0.01
SALES AGENTS, SALES REPS, REAL EST	30001403	740	0.06	810	0.05
STOCK & BOND SALES AGENTS	30001600	320	0.02	390	0.03
SALES AGENTS, SALES REPS, SECURITY	30001605	280	0.02	340	0.02
OTHER SALES WORKERS	30001800	69,120	5.18	77,090	5.09
SALES CLERKS	30001802	34,020	2.55	37,450	2.48
CONTRIBUTION SOLICITORS	30001804	30	0.00	40	0.00
CRATING & MOVING ESTIMATORS	30001805	120	0.01	130	0.01
ALL OTHER SALES WORKERS	30001899	34,950	2.62	39,470	2.61
CLERICAL WORKERS	40000000	228,100	17.10	262,790	17.37

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
STENOS, TYPISTS, SECRETARIES	40020000	45,000	3.37	51,480	3.40
SECRETARIES	40020200	27,640	2.07	32,180	2.13
STENOGRAPHERS	40020400	5,860	0.44	6,450	0.43
TYPISTS	40020600	11,500	0.86	12,850	0.85
OFFICE MACHINE OPERATORS	40040000	10,590	0.79	12,550	0.83
BOOKKEEPING, BILLING OPERATORS	40040200	3,370	0.25	4,000	0.26
BOOKKEEPING/BILLING MACHINE OPS	40040201	2,460	0.18	2,880	0.19
PROOF MACHINE OPERATORS	40040202	710	0.05	880	0.06
TRANSIT CLERKS	40040203	200	0.01	240	0.02
COMPUTER, PERIPHERAL EQUIP OPS	40040600	2,440	0.18	2,930	0.19
COMPUTER OPERATORS	40040601	2,330	0.17	2,800	0.19
PERIPHERAL EDP EQUIP OPERATORS	40040602	110	0.01	130	0.01
DUPLICATING MACHINE OPERATORS	40040800	110	0.01	120	0.01
KEYPUNCH OPERATORS	40041000	4,000	0.30	4,740	0.31
TABULATING MACHINE OPERATORS	40041200	40	0.00	40	0.00
ALL OTHER OFFICE MACHINE OPS	40041400	630	0.05	720	0.05
OTHER CLERICAL WORKERS	40060000	172,510	12.93	198,760	13.13
BANK TELLERS	40060200	6,500	0.49	8,020	0.53
NEW ACCOUNTS TELLERS	40060201	710	0.05	870	0.06
TELLERS	40060203	5,790	0.43	7,150	0.47
BOOKKEEPERS	40060600	21,300	1.60	24,300	1.61
ACCOUNTING CLERKS	40060601	8,000	0.60	9,060	0.60
BOOKKEEPERS, HAND	40060603	13,300	1.00	15,240	1.01
CASHIERS	40060800	22,970	1.72	26,980	1.78
ELIGIBILITY WORKERS, WELFARE	40061000	350	0.03	350	0.02
CLERICAL SUPERVISORS	40061200	4,610	0.35	5,440	0.36
COLLECTORS, BILL & ACCOUNT	40061400	1,250	0.09	1,560	0.10
COUNTER CLERKS, EX FOOD	40061600	3,150	0.24	3,540	0.23
CAR RENTAL CLERKS	40061601	70	0.01	80	0.01
DESK CLERKS	40061603	980	0.07	1,070	0.07

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
ORDER CLERKS	40061604	1,850	0.14	2,090	0.14
CIRCULATION CLERKS	40061605	80	0.01	90	0.01
CLASSIFIED AD CLERKS, NEWSPAPER	40061606	50	0.00	50	0.00
TELEPHONE AD TAKERS, NEWSPAPER	40061607	50	0.00	60	0.00
DESK CLERKS, BOWLING FLOOR	40061608	80	0.01	100	0.01
DISPATCHERS, STARTERS, VEHICLE	40061800	1,860	0.14	2,010	0.13
DISPATCHERS, POLICE, FIRE, AMBULANCE	40061803	920	0.07	960	0.06
DISPATCHERS, VEHICLE, SERV OR WK	40061804	940	0.07	1,050	0.07
SURVEY WORKERS	40062000	480	0.04	620	0.04
ESTIMATORS, INVESTIGATORS, NEC	40062200	2,180	0.16	2,510	0.17
CREDIT AUTHORIZERS	40062201	300	0.02	360	0.02
ADJUSTMENT CLERKS	40062208	370	0.03	430	0.03
CHECKING CLERKS	40062209	190	0.01	240	0.02
CLAIMS CLERKS	40062210	1,030	0.08	1,110	0.07
CREDIT REPORTERS	40062211	220	0.02	300	0.02
CUSTOMER SERV REPS, PRINT & PUBL	40062216	60	0.00	60	0.00
PRODUCTION CLERKS	40062400	2,130	0.16	2,350	0.16
FILE CLERKS	40062600	4,710	0.35	5,530	0.37
FILE CLERKS	40062601	3,020	0.23	3,630	0.24
PERSONNEL CLERKS	40062602	1,460	0.11	1,620	0.11
ADMISSIONS EVALUATORS	40062603	230	0.02	280	0.02
CLAIM ADJUSTERS	40062800	1,980	0.15	2,190	0.14
CLAIM EXAMINERS, INSURANCE	40062801	250	0.02	280	0.02
CLAIM ADJUSTERS	40062803	1,730	0.13	1,910	0.13
LIBRARY ASSISTANTS	40063000	590	0.04	670	0.04
MAIL CARRIERS, POSTAL SERVICE	40063200	5,610	0.42	5,880	0.39
MAIL HANDLERS, EX POSTAL SERVICE	40063400	990	0.07	1,110	0.07
MAIL CLERKS	40063402	990	0.07	1,110	0.07
MESSENGERS & OFFICE HELPERS	40063600	340	0.03	410	0.03
MESSENGERS	40063602	320	0.02	380	0.03
METER READERS, UTILITIES	40063800	390	0.03	460	0.03
PAYROLL, TIMEKEEPING CLERKS	40064000	2,580	0.19	2,850	0.19

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
POSTAL CLERKS	40064200	1,220	0.09	1,280	0.08
PROOFREADERS	40064400	170	0.01	180	0.01
PROOFREADERS, COMPOSED COPY	40064410	170	0.01	180	0.01
RECEPTIONISTS	40064800	6,440	0.48	7,990	0.53
RECEPTIONISTS	40064802	4,460	0.33	5,670	0.37
SWITCHBD OPS/RECEPTIONISTS	40064803	1,980	0.15	2,320	0.15
SHIPPING, RECEIVING CLERKS	40065000	9,580	0.72	10,690	0.71
SHIPPING, RECEIVING CLERKS	40065001	5,010	0.38	5,630	0.37
SHIPPING PACKERS	40065002	4,550	0.34	5,040	0.33
STATISTICAL CLERKS	40065200	1,660	0.12	1,890	0.13
GAS DISPATCHERS	40065201	40	0.00	50	0.00
BROKERAGE CLERKS	40065205	40	0.00	50	0.00
RATERS	40065209	540	0.04	660	0.04
STATISTICAL CLERKS	40065211	560	0.04	640	0.04
TALLY CLERKS, SAW MILL	40065215	50	0.00	50	0.00
COURT CLERKS	40065216	300	0.02	310	0.02
INSURANCE CHECKERS	40065217	110	0.01	110	0.01
STOCK CLERKS, STOREKEEPERS	40065400	12,320	0.92	14,040	0.93
PROCUREMENT CLERKS	40065402	740	0.06	820	0.05
STOCK CLERKS, STOCKRM, WAREHS, ETC	40065404	11,540	0.86	13,180	0.87
YARD CLERKS	40065405	40	0.00	40	0.00
TEACHERS AIDES, EX MONITORS	40065600	4,770	0.36	5,630	0.37
TELEGRAPH OPERATORS	40066000	170	0.01	180	0.01
TELEPHONE OPERATORS	40066200	3,930	0.29	4,780	0.32
SWITCHBOARD OPERATORS	40066201	1,860	0.14	2,310	0.15
CENTRAL OFFICE OPERATORS	40066202	1,900	0.14	2,270	0.15
DIRECTORY ASSISTANCE OPERATORS	40066203	60	0.00	70	0.00
PRIVATE BRANCH SERVICE ADVISORS	40066204	30	0.00	30	0.00
SERVICE OBSERVERS	40066205	80	0.01	100	0.01
TICKET, STATION, EXPRESS AGENTS	40066400	760	0.06	820	0.05
STATION AGENTS	40066401	110	0.01	100	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
TRAFFIC AGENTS	40066402	170	0.01	180	0.01
RESERVATION AGENTS	40066403	120	0.01	140	0.01
TRANSPORTATION AGENTS	40066404	40	0.00	50	0.00
TICKET AGENTS	40066405	320	0.02	350	0.02
WEIGHERS	40066600	670	0.05	720	0.05
ALL OTHER CLERICAL WORKERS	40066800	46,840	3.51	53,780	3.55
LOAN CLOSERS	40066801	310	0.02	370	0.02
COIN MACH OPS/CURRENCY SORTERS	40066803	30	0.00	40	0.00
GENERAL CLERKS, OFFICE	40066811	31,360	2.35	35,520	2.35
IN-FILE OPERATORS	40066812	260	0.02	380	0.03
POLICY CHANGE CLERKS	40066815	230	0.02	270	0.02
REAL ESTATE CLERKS	40066818	250	0.02	270	0.02
SAFE DEPOSIT CLERKS	40066820	80	0.01	100	0.01
STATEMENT CLERKS	40066823	510	0.04	640	0.04
SERVICE CLERKS	40066824	370	0.03	440	0.03
TITLE SEARCHERS	40066825	70	0.01	70	0.00
TRAFFIC CLERKS	40066826	90	0.01	100	0.01
MARKING CLERKS TRADE	40066829	490	0.04	570	0.04
SHADE TICKET MARKERS	40066834	130	0.01	140	0.01
RATE CLERKS, FREIGHT	40066838	160	0.01	170	0.01
TOWN CLERKS	40066840	470	0.04	490	0.03
CREDIT CLERKS, BANK &/OR INS	40066841	600	0.04	740	0.05
MORTGAGE CLOSING CLERKS	40066842	240	0.02	300	0.02
SORTING CLERKS, BANK	40066844	70	0.01	80	0.01
INSURANCE CLERKS	40066845	110	0.01	130	0.01
INSURANCE CLERKS, MEDICAL	40066846	1,270	0.09	1,740	0.02
ALL OTHER OFFICE CLERICAL	40066898	5,960	0.45	7,010	0.46
ALL OTHER PLANT CLERICAL	40066899	3,730	0.28	4,150	0.27
CRAFTS & KINDRED WORKERS	50000000	185,830	13.93	203,160	13.42
CONSTRUCTION CRAFTS WKRS	50020000	50,000	3.75	54,460	3.60
CARPENTERS	50020200	12,400	0.93	13,390	0.88
CARPENTERS	50020201	12,060	0.90	12,920	0.85

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
ROOF BOLTERS	50020202	250	0.02	360	0.02
SHIPWRIGHTS	50020204	60	0.00	80	0.01
PICTURE FRAMERS	50020205	30	0.00	30	0.00
BRICK MASONS & STONE MASONS	50020600	1,770	0.13	1,850	0.12
BRICKLAYERS	50020601	1,370	0.10	1,460	0.10
STONE MASONS	50020602	130	0.01	140	0.01
REFRACTORY MATERIALS REPAIRERS	50020606	270	0.02	250	0.02
LOGGING TRACTOR OPERATORS	50021000	1,130	0.08	1,200	0.08
CEMENT & CONCRETE FINISHERS	50021200	1,730	0.13	1,840	0.12
CEMENT MASONS	50021201	1,500	0.11	1,590	0.11
CONCRETE RUBBERS	50021203	180	0.01	190	0.01
TERRAZZO WORKERS	50021206	50	0.00	50	0.00
ELECTRICIANS	50021400	9,490	0.71	10,330	0.68
ELECTRICIANS	50021401	9,460	0.71	10,300	0.68
STREETLIGHT REPAIRERS, SERVICERS	50021402	30	0.00	30	0.00
EXCAVATING, GRADING MACH OPS	50021800	9,890	0.74	11,240	0.74
CONCRETE MIXER OPERATORS	50021802	100	0.01	110	0.01
DREDGE OPERATORS	50021803	60	0.00	70	0.00
HEAVY EQUIPMENT OPERATORS	50021807	9,440	0.71	10,770	0.71
BATCH PLANT OPERATORS	50021809	190	0.01	200	0.01
BALLAST CLEAN MACH OPERATORS, ETC	50021810	90	0.01	80	0.01
FLOOR SANDING MACHINE OPERATORS	50022000	30	0.00	30	0.00
PAINTERS, CONSTRUCTION, MAINT	50022200	3,470	0.26	3,770	0.25
PAPERHANGERS	50022600	50	0.00	50	0.00
PLASTERERS	50022800	200	0.01	210	0.01
PLASTERERS	50022801	200	0.01	210	0.01
PLUMBERS & PIPEFITTERS	50023200	6,230	0.47	6,690	0.44
FITTERS, PIPELAYING	50023202	240	0.02	250	0.02
PLUMBERS &/OR PIPEFITTERS	50023203	5,990	0.45	6,440	0.43
ROOFERS	50023600	1,330	0.01	1,420	0.09
STRUCTURAL STEEL WORKERS	50023800	1,670	0.13	1,790	0.12

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
TILE SETTERS	50024000	610	0.05	650	0.04
TILE SETTERS	50024001	270	0.02	290	0.02
CEILING TILE INSTALLRS, FLR LAYRS	50024002	340	0.03	360	0.02
BLUE COLLAR WKR SUPVSRS	50040000	25,260	1.89	27,650	1.83
DISPATCHERS, MINE CAR	50040002	110	0.01	160	0.01
SUPERVISORS, NONWORKING	50040003	25,150	1.89	27,490	1.82
METALWKG CRAFTS WKRS, EX MECH	50060000	19,560	1.47	20,550	1.36
BLACKSMITHS	50060200	60	0.00	60	0.00
BOILERMAKERS	50060400	1,390	0.10	1,490	0.10
HEAT TREATERS, ANNEALERS, ETC	50060600	250	0.02	270	0.02
FORGE & HAMMER OPERATORS	50060800	220	0.02	250	0.02
FORGING PRESS OPERATORS	50060802	200	0.01	230	0.02
JOB & DIE SETTERS, METAL	50061000	1,410	0.11	1,500	0.10
DIE SETTERS	50061002	120	0.01	130	0.01
MACHINE TOOL SETTERS, METALWRKING	50061003	560	0.04	620	0.04
SETTERS, MOLDING & COREMKG MACH	50061005	280	0.02	250	0.02
PUNCH PRESS SETTERS, METAL	50061007	330	0.02	370	0.02
SHEAR &/OR SLITTER SETTERS	50061008	100	0.01	110	0.01
MACHINISTS	50061200	5,900	0.44	6,420	0.42
LAYOUT MARKERS, METAL	50061202	320	0.02	360	0.02
MACHINISTS	50061206	5,580	0.42	6,060	0.40
MILLWRIGHTS	50061600	2,470	0.19	2,480	0.16
MOLDERS, METAL	50061800	2,760	0.21	2,560	0.17
MOLDERS, BENCH &/OR FLOOR	50061804	1,500	0.11	1,380	0.09
MOLDERS, MACHINE (METAL)	50061805	720	0.05	680	0.05
MOLDERS, PATTERN	50061806	260	0.02	240	0.02
SHELL MOLD/SH CORE MACH OPERATORS	50061808	250	0.02	220	0.01
METAL MOLD MAKERS, REPAIRERS	50061810	30	0.00	40	0.00
PATTERN & MODEL MAKERS	50062200	400	0.03	420	0.03
PATTERNMAKERS, METAL	50062203	190	0.01	200	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
PATTERNMAKERS, WOOD	50062204	200	0.01	210	0.01
ROLLERS & FINISHERS, METAL	50062400	560	0.04	520	0.03
FORGING/STRAIGHTENING ROLL OPS	50062403	110	0.01	110	0.01
MANIPULATORS, TABLE/BED OPS	50062407	70	0.01	60	0.00
SEAMLESS TUBE ROLLERS	50062413	60	0.00	50	0.00
ROLLING MILL OPS/ATTENDANTS	50062415	160	0.01	160	0.01
ROLLING MILL OPERATOR HELPERS	50062416	140	0.01	130	0.01
SHEET METAL WORKERS, TINSMITHS	50062600	3,210	0.24	3,520	0.23
TOOLMAKERS & DIEMAKERS	50063000	950	0.07	1,060	0.07
TOOL & DIE MAKERS	50063001	950	0.07	1,060	0.07
MECHS, REPAIRERS, INSTALLERS	50080000	42,510	3.19	46,500	3.07
AIR COND, HEATING, REFRIG MECHS	50080200	2,090	0.16	2,250	0.15
AIRCRAFT MECHANICS	50080400	1,840	0.14	1,980	0.13
AUTO SEAT COVER, TOP INSTALLERS	50080600	100	0.01	120	0.01
AUTO BODY REPAIRERS	50080800	1,720	0.13	1,920	0.13
AUTO MECHANICS	50081000	12,510	0.94	13,880	0.92
AUTOMOTIVE MECHANICS	50081001	12,430	0.93	13,800	0.91
AUTO REPAIR SERVICE ESTIMATORS	50081003	80	0.01	80	0.01
DATA PROCESSING MACH MECHANICS	50081400	70	0.01	90	0.01
HEAVY EQUIP MECHS, INCL DIESEL	50081800	10,330	0.77	11,110	0.73
ENGINEERING EQUIP MECHANICS	50081803	2,070	0.15	2,330	0.15
HYDROELECTRIC MACHINE MECHS, ETC	50081804	260	0.02	310	0.02
MINE MACHINERY MECHANICS	50081805	260	0.02	300	0.02
MARINE MECHANICS/REPAIRERS	50081806	90	0.01	110	0.01
MAINTENANCE MECHANICS	50081807	6,060	0.45	6,470	0.43
TREATMENT PLANT MECHANICS	50081810	80	0.01	80	0.01
KNITTING MACHINE FIXERS	50081811	200	0.01	220	0.01
MACHINE ADJUSTERS	50081813	50	0.00	40	0.00
SECTION REPAIRERS & SETTERS	50081814	1,240	0.09	1,150	0.08
HOUSEHOLD APPLIANCE MECHANICS	50082000	1,390	0.10	1,560	0.10
GAS METER INSTALLERS	50082004	80	0.01	80	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
GAS & ELEC APPLIANCE REPAIRERS	50082005	540	0.04	600	0.04
HOUSEHOLD APPLIANCE INSTALLERS	50082007	210	0.02	240	0.02
WATER METER INSTALLERS	50082009	250	0.02	260	0.02
HOUSEHOLD APPLIANCE REPAIRERS	50082012	300	0.02	350	0.02
LOOM FIXERS	50082200	1,230	0.09	1,240	0.08
OFF MACH SERVICERS/CASH REG SERV	50082400	870	0.07	1,020	0.07
RADIO, TELEVISION REPAIRERS	50082600	560	0.04	650	0.04
RAILROAD CAR SHOP REPAIRERS	50082800	780	0.06	740	0.05
SIGNAL MAINTAINERS	50082802	100	0.01	100	0.01
CAR REPAIRERS	50082803	660	0.05	620	0.04
OTHER MECHANICS & REPAIRERS	50083200	8,990	0.67	9,920	0.66
ELECTRIC MOTOR REPAIRERS	50083204	350	0.03	420	0.03
GUNSMITHS	50083208	240	0.02	260	0.02
INSTRUMENT REPAIRERS, OPTICAL	50083210	230	0.02	250	0.02
LAUNDRY MACHINE MECHANICS	50083211	80	0.01	80	0.01
LOCKSMITHS	50083212	100	0.01	120	0.01
COIN MACHINE SERVICERS, REPAIRERS	50083215	480	0.04	520	0.03
SEWING MACHINE MECHANICS	50083218	780	0.06	830	0.05
INSTRUMENT REPAIRERS	50083221	760	0.06	840	0.06
DIESEL MECHANICS	50083222	2,480	0.19	2,780	0.18
ELECTROMEDICAL EQUIPMT REPAIRERS	50083224	60	0.00	70	0.00
PINSETTER MECHANICS, AUTOMATIC	50083225	40	0.00	50	0.00
ALL OTHER MECHANICS & REPAIR	50083299	3,320	0.25	3,620	0.24
PRINTING TRADE CRAFTS WKRS	50100000	4,040	0.30	4,450	0.29
BOOKBINDERS	50100200	680	0.05	750	0.05
SETTERS, BINDERY MACHINE	50100202	40	0.00	40	0.00
BOOKBINDERS, HAND	50100204	50	0.00	60	0.00
BOOKBINDERS, MACHINE	50100205	70	0.01	80	0.01
BINDERY WORKERS, ASSEMBLY	50100206	320	0.02	360	0.02
BINDERY WORKERS, STITCHING	50100207	50	0.00	50	0.00
ALL OTHER BINDERY WORKERS	50100208	150	0.01	160	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
COMPOSITORS & TYPESETTERS	50100400	1,050	0.08	1,150	0.08
ELECTROTYPERS, STEREOTYPERS	50100600	30	0.00	40	0.00
STEREOTYPERS	50100602	30	0.00	30	0.00
ENGRAVERS, EX PHOTOENGRAVERS	50100800	80	0.01	90	0.01
ETCHERS &/OR ENGRAVERS	50100803	80	0.01	90	0.01
PHOTOENGRAVERS, LITHOGRAPHERS	50101000	360	0.03	390	0.03
STRIPPERS, PRINTING	50101001	110	0.01	110	0.01
CAMERA OPERATORS, PRINTING	50101002	210	0.02	240	0.01
PHOTOENGRAVERS	50101003	40	0.00	40	0.00
PRESS & PLATE PRINTERS	50101200	1,840	0.14	2,030	0.13
PRESS OPERATORS, PLATE PRINTERS	50101201	480	0.04	560	0.04
OFFSET LITHOGRAPHIC PRESS OPS	50101202	940	0.07	1,010	0.07
PLATEMAKERS	50101203	90	0.01	100	0.01
LETTER PRESS OPERATORS	50101207	290	0.02	310	0.02
TRANSP, PUB UTIL CRAFT WKRS	50120000	8,210	0.62	9,410	0.62
ELEC POWER LINE INST, REPAIRERS	50120200	3,820	0.29	4,410	0.29
CABLE SPLICERS	50120201	530	0.04	630	0.04
LINE INSTALLERS, REPAIRERS	50120202	3,170	0.24	3,650	0.24
TROUBLE SHOOTERS, POWER LINE	50120203	120	0.01	130	0.01
LOCOMOTIVE ENGINEERS	50120400	850	0.06	800	0.05
YARD ENGINEERS	50120402	390	0.03	360	0.02
HOSTLERS	50120403	30	0.00	30	0.00
LOCOMOTIVE ENGINEERS	50120405	430	0.03	410	0.03
LOCOMOTIVE ENGINEER HELPERS	50120600	40	0.00	40	0.00
POWER STATION OPERATORS	50120800	170	0.01	200	0.01
TELEPHONE INSTALLERS, REPAIRERS	50121000	3,330	0.25	3,960	0.26
INSTALLERS, REPAIRERS, SEC MAINTS	50121001	1,270	0.09	1,510	0.10
INSTALLERS, REPAIRERS, TELEPHONE	50121002	50	0.00	60	0.00
STATION INSTALLERS	50121003	420	0.03	500	0.03
TELEGRAPH EQUIPMT MAINTAINERS	50121004	560	0.04	660	0.04

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
CABLE REPAIRERS	50121007	330	0.02	390	0.03
CABLE INSTALLERS	50121008	40	0.00	40	0.00
FRAME WIRERS	50121009	130	0.01	160	0.01
CENTRAL OFFICE REPAIRERS	50121010	130	0.01	150	0.01
TROUBLE LOCATORS, TEST DESK	50121011	370	0.03	440	0.03
OTHER CRAFTS, KINDRED WORKERS	50140000	36,250	2.72	40,140	2.65
BAKERS	50140200	830	0.06	1,030	0.07
BAKERS	50140202	790	0.06	980	0.07
CAKE DECORATORS	50140205	30	0.00	40	0.00
CABINETMAKERS	50140400	1,030	0.08	1,120	0.07
CARPET CUTTERS, CARPET LAYERS	50140600	220	0.02	240	0.02
CRANE, DERRICK, HOIST OCCUPS	50140800	3,280	0.25	3,400	0.22
CRANE, DERRICK, & HOIST OPERATORS	50140801	2,890	0.22	2,980	0.20
LOADER ENGINEERS	50140802	310	0.02	330	0.02
YARDER ENGINEERS	50140803	80	0.01	90	0.01
MERCHAN DISPLAYERS & WIND TRMRS	50141000	220	0.02	260	0.02
DENTAL LAB TECHNICIANS	50141200	740	0.06	1,020	0.07
FURNITURE FINISHERS	50141400	170	0.01	200	0.01
GLAZIERS	50141800	590	0.04	660	0.04
GLASS INSTALLERS	50141801	140	0.01	160	0.01
GLAZIERS	50141802	450	0.03	500	0.03
INSPECTORS, LOG & LUMBER	50142000	860	0.06	880	0.06
LOG INSPECTORS, GRADERS, SCALERS	50142001	330	0.03	340	0.02
LUMBER GRADERS	50142002	210	0.02	210	0.01
VENEER GRADERS	50142003	200	0.01	210	0.01
SORTER OPERATORS, GREEN LUMBER	50142004	120	0.01	120	0.01
OTHER INSPECTION OCCUPS	50142200	8,920	0.67	9,670	0.64
FIRE BOSSES	50142201	40	0.00	60	0.00
INSPECTORS	50142202	7,170	0.54	7,740	0.51
TESTERS	50142205	1,680	0.13	1,840	0.12

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
JEWELERS & WATCHMAKERS	50142400	290	0.02	330	0.02
JEWELERS &/OR SILVERSMITHS	50142401	210	0.02	240	0.02
WATCHMAKERS	50142402	80	0.01	90	0.01
MILLERS, GRAIN, FLOUR, FEED	50142600	180	0.01	180	0.01
MILLERS	50142603	180	0.01	180	0.01
MOTION PICTURE PROJECTIONISTS	50142800	260	0.02	220	0.01
OPTICIANS, LENS GRINDRS, POLSHRS	50143000	430	0.03	500	0.03
LENS GRINDERS	50143001	90	0.01	110	0.01
OPTICIANS, DISP &/OR OPTIC MECHS	50143002	340	0.03	390	0.03
SHIPFITTERS	50143400	290	0.02	370	0.02
SHOE REPAIRERS	50143600	30	0.00	30	0.00
STATIONARY ENGINEERS	50144000	2,490	0.19	2,770	0.18
CONTROL ROOM OPERATORS, STEAM	50144002	470	0.04	550	0.04
AUXILIARY EQUIP OPERATORS	50144004	110	0.01	130	0.01
OIL PUMPERS	50144008	30	0.00	40	0.00
PUMPERS, HEAD	50144010	40	0.00	40	0.00
SEWAGE PLANT OPERATORS	50144013	330	0.02	350	0.02
STATIONARY ENGINEERS	50144014	810	0.06	890	0.06
TURBINE OPERATORS	50144015	100	0.01	110	0.01
PUMP STAT OPERATORS, WATERWORKS	50144019	60	0.00	60	0.00
WASTE TREATMENT PLANT OPS, CHEM	50144021	40	0.00	50	0.00
WATER TREATMENT PLANT OPERATORS	50144025	380	0.03	400	0.03
SHIP ENGINEERS	50144026	110	0.01	130	0.01
STONE CUTTERS, STONE CARVERS	50144200	30	0.00	30	0.00
TAILORS	50144400	980	0.07	1,090	0.07
ALTERATION TAILORS	50144401	940	0.07	1,050	0.07
SAMPLE MAKERS	50144405	40	0.00	40	0.00
UPHOLSTERERS	50144600	980	0.07	1,120	0.07
FURNITURE UPHOLSTERERS	50144601	210	0.02	250	0.02
CUSHION MAKERS	50144602	50	0.00	50	0.00
SPRINGERS	50144603	50	0.00	50	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
UPHOLSTERY TRIMMERS	50144604	60	0.00	70	0.00
UPHOLSTERERS	50144605	390	0.03	440	0.03
UPHOLSTERY CUTTERS	50144606	60	0.00	70	0.00
CASKET COVERERS/CASKET LINERS	50144607	60	0.00	80	0.01
MATTRESS MAKERS	50144608	100	0.01	110	0.01
CRAFTS & KINDRED WORKERS, NEC	50144800	13,430	1.01	15,020	0.99
MACHINE SETTERS, WOODWORKING	50144808	90	0.01	100	0.01
SHIP RIGGERS	50144812	80	0.01	100	0.01
INSTRUCTORS, APPAREL & TEXT MACH	50144815	300	0.02	310	0.02
MACHINE SETTERS, PAPER GOODS	50144819	220	0.02	230	0.02
MAINTENANCE REPAIRERS, GEN UTIL	50144821	11,270	0.84	12,620	0.83
ANODE REBUILDERS	50144823	100	0.01	100	0.01
MOBILE HOME REPAIRERS	50144825	90	0.01	100	0.01
MUSICAL INSTRUMENTS REPAIRERS	50144826	90	0.01	100	0.01
ALL OTHER SKILLED CRAFTS WKR	50144899	1,130	0.08	1,280	0.08
OPERATIVES	60000000	265,630	19.92	288,560	19.07
OPERATIVES, EX TRANSPORTATION	61000000	187,170	14.03	202,790	13.40
SEMISKILLED METALWORKING OPS	61020000	24,670	1.85	26,430	1.75
DRILL PRESS OPERATIVES	61020200	1,110	0.08	1,270	0.08
DRILL PRESS/BORING MACHINE OPS	61020201	1,100	0.08	1,260	0.08
FURNACE TNDRS, SMELTERS, POURERS	61020400	3,370	0.25	3,170	0.21
TAPPERS, METAL	61020401	230	0.02	210	0.01
CASTERS, INGOTS & PIGS	61020405	410	0.03	430	0.03
STOVE INDRS &/OR BL FUR KPRS	61020407	270	0.02	230	0.01
STEEL POURER HELPERS	61020430	50	0.00	40	0.00
POURERS, METAL	61020435	920	0.07	870	0.06
FURNACE OPERATORS, CUPOLA TENDERS	60020436	770	0.05	650	0.04
FURNACE CHARGERS	61020438	760	0.06	670	0.04
HEATING PIT CHARGERS	61020439	40	0.00	40	0.00
GRINDING/ABRADING MACH OPS, METAL	61020600	1,020	0.08	1,130	0.07
HEATERS, METAL	61020800	60	0.00	60	0.00
LATHE, MILLING MACH OPERATIVES	61021000	1,630	0.12	1,790	0.12

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
VENEER LATHE OPERATORS	61021001	50	0.00	60	0.00
LATHE OPERATORS, WOOD	61021005	30	0.00	30	0.00
LATHE/TURN MACH OPERATORS, METAL	61021006	1,080	0.08	1,170	0.08
MILLING/PLANING MACHINE OPERATORS	61021007	400	0.03	450	0.03
SHAPER &/OR ROUTER OPERATORS	61021009	70	0.01	80	0.01
METAL PLATERS	61021200	440	0.03	490	0.03
ELECTROPLATERS	61021201	250	0.02	280	0.02
DIP PLATERS, NONELECTROLYTIC	61021202	190	0.01	210	0.01
OTHER PRECISION MACH OPS	61021400	3,480	0.26	3,740	0.25
BORING MACHINE OPERATORS, WOOD	61021401	70	0.00	70	0.00
MACHINE TOOL OPERATORS, COMBO	61021402	2,070	0.16	2,190	0.14
MACHINE TOOL OPERATORS, NUM CONT	61021403	520	0.04	600	0.04
WOOD MACHINISTS	61021404	500	0.04	550	0.04
MACHINE TOOL OPERATORS, TOOL ROOM	61021405	320	0.02	330	0.02
PUNCH, STAMPING PRESS OPS	61021600	2,860	0.21	3,260	0.22
PUNCH PRESS OPERATORS, METAL	61021609	1,930	0.15	2,250	0.15
POWER BRAKE, BENDING MACH OPS, MET	61021611	880	0.07	990	0.07
WELDERS & FLAME CUTTERS	61022000	10,720	0.80	11,520	0.76
WELDERS & FLAMECUTTERS	61022002	3,450	0.26	3,880	0.26
WELDERS & FLAMECUTTERS--A	61022003	1,870	0.14	2,200	0.15
WELDERS & FLAMECUTTERS--B	61022004	2,720	0.20	3,050	0.20
WELDERS & FLAMECUTTERS--C	61022005	2,680	0.20	2,390	0.16
SEMISKILLED TEXTILE OPS	61040000	22,110	1.66	21,460	1.42
CARDING, LAPPING, COMBING OPS	61040200	2,530	0.19	2,380	0.16
CARD GRINDERS	61040201	130	0.01	120	0.01
CARD TENDERS, COMBER TENDERS, ETC	61040202	720	0.05	670	0.04
DRAWING FRAME & GILL BOX TENDERS	61040203	690	0.05	640	0.04
DRAWING-IN MACHINE TENDERS	61040204	70	0.00	60	0.00
PICKER TENDERS	61040206	220	0.02	210	0.01
SLUBBER TENDERS	61040207	640	0.05	610	0.04
DRAWERS-IN, HAND	61040208	60	0.00	70	0.00
KNITTERS, LOOPERS, & TOPPERS	61040400	1,250	0.09	1,360	0.09

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
KNITTING MACHINE OPERATORS	61040403	940	0.07	1,030	0.07
LOOPERS, HOSIERY	61040406	30	0.00	30	0.00
SEAMLESS HOSIERY KNITTERS	61040407	210	0.02	230	0.02
WARP KNITTING MACHINE OPERATORS	61040409	70	0.00	70	0.00
SPINNERS, TWISTERS, & WINDERS	61040600	11,210	0.84	10,450	0.69
BEAM WARPER TENDERS &/OR BEAMERS	61040601	510	0.04	510	0.03
BOBBIN WINDERS, MACH/SEWING MACH	61040604	300	0.02	280	0.02
CLOTH OR CARPET WINDERS	61040605	200	0.01	200	0.01
CREELERS, YARN	61040606	780	0.06	720	0.05
DOFFERS	61040607	1,920	0.14	1,820	0.12
LOOM WINDER TENDERS	61040609	140	0.01	130	0.01
QUILLING MACHINE OPERATORS	61040610	110	0.01	100	0.01
SPEEDER TENDERS	61040611	60	0.00	50	0.00
SPINNERS, FRAME	61040612	2,820	0.21	2,600	0.17
THREADERS, KNIT GOODS	61040613	30	0.00	40	0.00
TWISTER TENDERS	61040615	920	0.07	820	0.05
WARP TYING MACHINE TENDERS	61040616	240	0.02	240	0.02
WINDER OPERATORS, AUTOMATIC	61040617	1,750	0.13	1,650	0.11
YARN WINDERS	61040618	620	0.05	540	0.04
SPOOLER OPERATORS, AUTOMATIC	61040619	770	0.06	690	0.05
WEAVERS	61040800	2,710	0.20	2,700	0.18
NEEDLE-FELT-MAKING MACH OPS, ETC	61040801	100	0.01	120	0.01
SMASH HANDS	61040802	400	0.03	390	0.03
WEAVERS	61040804	2,210	0.17	2,190	0.14
OTHER TEXTILE OPERATIVES	61041000	4,410	0.33	4,570	0.30
BATTERY LOADERS	61041002	600	0.04	560	0.04
BOARDING MACH OPERATORS, HOSIERY	61041004	100	0.01	110	0.01
BURLERS	61041006	220	0.02	240	0.02
CALENDERING MACH OPS, KNIT GDS	61041007	50	0.00	60	0.00
CLOTH FEEDERS &/OR BACK TENDERS	61041008	50	0.00	70	0.00
CLOTH FINISHING RANGE TNDRS, MDLE	61041009	30	0.00	40	0.00
CLOTH FINISHING RANGE OPS, CHIEFS	61041010	50	0.00	70	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
CLOTH PRINTERS	61041011	70	0.01	60	0.00
CLOTH SHRINKING MACH OPERATORS	61041012	30	0.00	30	0.00
HARNESS BUILDERS, LOOM CHNGRS, ETC	61041015	80	0.01	90	0.01
HARNESS PLACERS	61041016	270	0.02	280	0.02
NAPPER TENDERS	61041018	40	0.00	40	0.00
OPENER TENDERS/WASTE MACH TENDERS	61041019	260	0.02	240	0.02
RUBBER COVERING MACHINE OPERATORS	61041021	140	0.01	120	0.01
SLASHER TENDERS	61041024	260	0.02	270	0.02
TENTER FRAME OPERATORS	61041025	140	0.01	160	0.01
TURNERS	61041027	470	0.04	500	0.03
FOLDERS, HAND	61041028	1,220	0.09	1,310	0.09
AUTOCLAVE OPERATORS	61041029	80	0.01	70	0.00
DRIER OPERATORS, TEXTILES & RUGS	61041030	200	0.01	190	0.01
SEMISKLD PACKING, INSPECTING OPS	61060000	15,560	1.17	17,670	1.17
CHECKERS, EXAMINERS, ETC, MFG	61060200	140	0.01	200	0.01
SELECTORS, GLASSWARE	61060209	140	0.01	200	0.01
GRADERS & SORTERS, MFG	61060400	480	0.04	480	0.03
GRADERS, FOOD &/OR SKINS	61060401	130	0.01	160	0.01
SORTERS, BURNED PRODUCTS	61060404	80	0.01	80	0.01
CLOTH GRADERS	61060408	240	0.02	230	0.01
PACKERS, WRAPPERS, EX MEAT, PROD	61060800	14,940	1.12	16,990	1.12
PRODUCTION PACKAGERS	61060802	9,550	0.72	10,380	0.69
BUNDLERS	61060803	830	0.06	880	0.06
BAGGERS	61060804	4,550	0.34	5,710	0.38
OTHER OPERATIVES, EX TRANSPORT	61080000	124,830	9.36	137,230	9.07
ASBESTOS & INSULATION WORKERS	61080200	660	0.05	700	0.05
ASSEMBLERS	61080400	21,150	1.59	23,860	1.58
MOBILE HOME SET-UP OPERATORS	61080401	160	0.01	190	0.01
POWER SCREWDRIVER OPERATORS	61080410	40	0.00	50	0.00
WIRERS, ELECTRONIC	61080415	240	0.02	290	0.02
COIL FINISHERS	61080416	30	0.00	30	0.00
ELECTROLYTIC CELL MKRS, REPAIRERS	61080417	40	0.00	50	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
CORE LAYERS/SHEET TURNERS	61080418	150	0.01	160	0.01
ASSEMBLERS	61080419	120	0.01	130	0.01
ASSEMBLERS--A	61080420	1,400	0.11	1,530	0.10
MACHINE ASSEMBLERS--A	61080421	380	0.03	440	0.03
ELEC MECH EQUIPMT ASSEMBLERS--A	61080423	100	0.01	120	0.01
ELEC & ELECT ASSEMBLERS-A	61080424	180	0.01	230	0.02
ALL OTHER ASSEMBLERS--A	61080425	210	0.02	240	0.02
ASSEMBLERS--B	61080426	1,780	0.13	1,780	0.12
MACHINE ASSEMBLERS--B	61080427	670	0.05	800	0.05
INSTRUMENT ASSEMBLERS--B	61080428	200	0.01	240	0.02
ELEC MECH EQUIPMT ASSEMBLERS--B	61080429	430	0.03	510	0.03
ELEC & ELECT ASSEMBLERS--B	61080430	1,040	0.08	1,230	0.08
AIRCRAFT, STRUCTURE ASSEMBLERS--B	61080432	520	0.04	550	0.04
CLOCK, WATCH ASSEMBLERS--B	61080433	60	0.00	70	0.00
ALL OTHER ASSEMBLERS--B	61080434	790	0.06	930	0.06
ASSEMBLERS--C	61080435	12,600	0.94	14,270	0.94
BLASTERS	61080600	310	0.02	430	0.03
BLASTERS, MINING & QUARRYING	61080601	270	0.02	380	0.03
SURVEYORS HELPERS	61081000	1,490	0.11	1,590	0.11
CLOTHING IRONERS & PRESSERS	61081200	4,090	0.31	4,490	0.30
PRESSERS, HAND	61081201	1,010	0.08	1,070	0.07
PRESSERS, MACHINE	61081202	1,640	0.12	1,780	0.12
PRESSERS, MACHINE, LAUNDRY	61081203	1,060	0.08	1,240	0.08
PLEATING MACHINE OPERATORS	61081207	150	0.01	150	0.01
SHAPERS & PRESSERS	61081208	230	0.02	250	0.02
CUTTING OPERATIVES, NEC	61081400	2,890	0.22	3,020	0.20
BIAS MACHINE OPERATORS	61081401	90	0.01	100	0.01
CUTTERS, MACHINE	61081403	470	0.04	500	0.03
AUTOMATIC CLIPPERS, VENEER	61081407	80	0.01	80	0.01
CUTTERS, PORTABLE MACHINE	61081417	580	0.04	610	0.04
DIE CUTTERS, CLICKING MACH OPS	61081424	210	0.02	180	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
PATTERN CUTTERS	61081431	40	0.00	40	0.00
RUBBER GDS CUTTER-FINISHER OPS	61081435	80	0.01	90	0.01
SLITTER-SCORER-CUT-OFF OPERATORS	61081443	40	0.00	40	0.00
STAPLE CUTTERS/ST PROC MACH OPS	61081447	70	0.01	60	0.00
TENONER OPERATORS	61081452	70	0.01	80	0.01
SHEAR &/OR SLITTER OPERATORS, MET	61081459	590	0.04	620	0.04
CUTTING MACHINE OPERATORS, FOOD	61081462	230	0.02	260	0.02
PLANER OPERATORS	61081464	210	0.02	210	0.01
DRESSMAKERS, EX FACTORY	61081600	70	0.01	80	0.01
DRILLERS, EARTH	61081800	1,130	0.08	1,410	0.09
DRILLERS, HAND	61081803	130	0.01	140	0.01
DRILLERS, MACHINE	61081804	530	0.04	740	0.05
ROTARY DRILL OPERATORS	61081808	230	0.02	260	0.02
ROTARY DRILL OP HELPERS	61081809	230	0.02	260	0.02
DRY WALL INSTALLERS, LATHERS	61082000	660	0.05	710	0.05
DRY WALL APPLICATORS	61082001	350	0.03	380	0.02
LATHERS	61082002	90	0.01	90	0.01
TAPERS	61082003	220	0.02	240	0.02
DYERS	61082200	400	0.03	390	0.03
BEAM DYER OPS, PKG DYE MACH OPS	61082202	100	0.01	90	0.01
DYE RANGE OPS/SP DYE BECK TNDRS	61082204	100	0.01	90	0.01
DYE REEL OPS, JIGGRS, PAD MACH OPS	61082205	40	0.00	40	0.00
DYE TUB OPS, RANDOM DYERS, ETC	61082207	150	0.01	160	0.01
FILERS, POLISHERS, SANDERS, BUFFERS	61082400	2,730	0.20	2,940	0.19
FILERS, GRINDERS, BUFFERS, CHIPPERS	61082401	2,020	0.15	2,160	0.14
SANDBLASTERS/SHOTBLASTERS	61082402	270	0.02	280	0.02
SANDERS, WOOD	61082410	370	0.03	400	0.03
VENEER SANDERS	61082415	30	0.00	30	0.00
GARAGE WORKERS, GAS STAT ATTNS	61082600	7,250	0.54	8,000	0.53
MARINE SERVICE STAT ATTENDANTS	61082603	40	0.00	50	0.00
TRAILER RENTAL ATTENDANTS	61082604	80	0.01	100	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
FUEL PUMP ATTENDANTS, LUBRICATORS	61082605	5,530	0.41	6,070	0.40
TIRE CHANGERS	61082606	1,500	0.11	1,670	0.11
TIRE REPAIRERS	61082607	100	0.01	110	0.01
LAUNDRY, DRYCLEANING OPS, NEC	61082800	2,080	0.16	2,420	0.16
MARKERS, CLASSIFIERS, ASSEMBLERS	61082801	240	0.02	260	0.02
SPOTTERS, DRYCLEANING	61082802	50	0.00	50	0.00
SPOTTERS, WASHABLE MATERIALS	61082803	30	0.00	40	0.00
WASHERS, MACH &/OR STARCHERS	61082804	790	0.06	1,010	0.07
TUMBLER OPERATORS	61082805	60	0.00	60	0.00
DRYCLEANING MACHINE OPERATORS	61082806	270	0.02	290	0.02
DRYCLEANERS, HAND	61082807	30	0.00	30	0.00
LAUNDRY OPERATORS, SM ESTABLHMT	61082809	330	0.02	360	0.02
FOLDERS, LAUNDRY	61082818	270	0.02	290	0.02
MEAT CUTTERS, BUTCHERS	61083200	430	0.03	480	0.03
BONERS, MEAT	61083201	110	0.01	130	0.01
BUTCHERS, ALL-AROUND	61083204	150	0.01	180	0.01
FISH CLEANERS HAND/BUTCHERS, FISH	61083207	130	0.01	120	0.01
MINE OPERATIVES, NEC	61083600	2,340	0.18	3,060	0.20
BRATTICE BUILDERS	61083604	170	0.01	250	0.02
COAL WASHERS	61083610	90	0.01	140	0.01
CONTINUOUS MINING MACH OPERATORS	61083612	260	0.02	390	0.03
CUTTING MACHINE OPERATORS	61083615	80	0.01	110	0.01
DERRICK OPERATORS, PETROL & GAS	61083616	60	0.00	60	0.00
GAGERS	61083620	30	0.00	30	0.00
LAMP KEEPERS, REPAIRERS	61083621	80	0.01	120	0.01
LOADING MACHINE OPERATORS	61083622	170	0.01	240	0.02
ROCK SPLITTERS, QUARRY	61083627	100	0.01	120	0.01
ROUSTABOUTS	61083629	330	0.02	380	0.02
SHUTTLE CAR OPERATORS	61083635	270	0.02	400	0.03
TIPPLE OPERATORS	61083637	40	0.00	70	0.00
PANELBD OPERATORS, GRIND MILL OPS	61083643	60	0.00	70	0.00
ROCK-DUST SPRAYERS	61083644	90	0.01	140	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
MILL &/OR GRINDER OPS, MINERALS	61083646	370	0.03	400	0.03
MIXING OPERATIVES	61083800	720	0.05	780	0.05
ASPHALT MIXERING MACH TENDERS	61083805	30	0.00	30	0.00
ASPHALT-PLANT OPERATORS	61083806	30	0.00	30	0.00
COATING MIXER TENDERS	61083817	50	0.00	50	0.00
MIXERS, STONE CLAY, GLASS, ETC	61083854	70	0.01	80	0.01
MIXERS, FOOD & TOBACCO	61083856	480	0.04	520	0.03
OILERS	61084000	1,430	0.11	1,610	0.11
PAINTERS, MANUFACTURED ARTICLES	61084200	2,300	0.17	2,540	0.17
PAINTERS, AUTOMOTIVE	61084201	520	0.04	590	0.04
RUBBERS	61084208	40	0.00	40	0.00
PAINTERS, PRODUCTION	61084210	1,720	0.13	1,890	0.12
PHOTOGRAPHIC PROCESS WORKERS	61084400	400	0.03	550	0.04
RIVETERS & FASTENERS	61084600	660	0.05	700	0.05
NAILING MACHINE OPERATORS	61084602	410	0.03	400	0.03
STAPLING MACHINE OPERATORS	61084604	40	0.00	40	0.00
RIVETERS, LIGHT	61084606	190	0.01	250	0.02
SAILORS & DECKHANDS	61084800	360	0.03	430	0.03
ABLE SEAMEN	61084802	90	0.01	110	0.01
ORDINARY SEAMEN	61084803	260	0.02	300	0.02
SAWYERS	61085000	2,240	0.17	2,320	0.15
BAND SCROLL SAW OPERATORS	61085001	80	0.01	90	0.01
CUT-OFF SAW OPERATORS, LUMBER	61085003	320	0.02	340	0.02
CUT-OFF SAWYERS, LOG	61085004	80	0.01	80	0.01
EDGERS, AUTOMATIC &/OR PONY	61085005	270	0.02	270	0.02
GANG SAWYERS	61085006	50	0.00	50	0.00
SAWYERS, TAIL	61085007	50	0.00	50	0.00
HEAD SAWYERS	61085008	230	0.02	230	0.02
RESAWYERS	61085011	160	0.01	160	0.01
RIPSAW OPERATORS	61085012	370	0.03	390	0.03
SAWYERS, METAL	61085013	270	0.02	290	0.02
SAWYERS, STONE	61085014	80	0.01	90	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
TRIM SAW OPERATORS	61085017	280	0.02	280	0.02
SEWERS & STITCHERS	61085200	37,590	2.82	40,100	2.65
MENDERS	61085204	180	0.01	190	0.01
SEWING MACH OPS, REG EQUIP, NONGAR	61085205	2,990	0.22	3,190	0.21
GARMENT REPAIRERS	61085212	220	0.02	230	0.02
MENDERS, CLOTH	61085214	50	0.00	50	0.00
SEWING MACH OPS, SPEC EQUIP, NONGAR	61085215	570	0.04	610	0.04
SEWING MACH OPS, SPEC EQUIP, GAR	61085219	4,320	0.32	4,620	0.03
SEWING MACH OPS, REG EQUIP, GARMENT	61085220	29,250	2.19	31,200	2.06
SHOPMAKING MACHINE OPS	61085400	440	0.03	140	0.01
STITCHERS, STANDARD MACHINE	61085431	180	0.01	40	0.00
TRIMMERS, MACHINE	61085439	80	0.01	60	0.00
FURNACE THDRS, STOKRS, EX METAL	61085600	1,340	0.10	1,420	0.09
STATIONARY BOILER FIRERS	61085602	940	0.07	1,000	0.07
FURNANCE &/OR BURNER TENDERS	61085612	30	0.00	30	0.00
KILN OPERATORS, MINERALS	61085613	270	0.02	280	0.02
KILN OPERATORS, LUMBER	61085614	50	0.00	50	0.00
FIRERS, MARINE	61085618	30	0.00	40	0.00
WINDING OPERATIVES, NEC	61085800	570	0.04	620	0.04
CONVOLUTE OR SPIRAL TUBE WINDERS	61085801	30	0.00	30	0.00
PAPER REEL OPS, REWINDER OPS	61085804	130	0.01	140	0.01
WINDERS, PAPER MACHINE	61085808	270	0.02	280	0.02
COIL WINDERS	61085810	90	0.01	110	0.01
MISC MACH OPS, MEAT & DAIRY PRO	61086000	750	0.06	790	0.05
PICKLERS, FOOD	61086001	50	0.00	40	0.00
SKIN PEELING MACHINE OPERATORS	61086007	30	0.00	30	0.00
CASING FINISHERS &/OR STUFFERS	61086012	100	0.01	120	0.01
NOVELTY WORKERS	61086019	60	0.00	60	0.00
FLAVOR ROOM WORKERS, FREEZER OPS	61086021	80	0.01	70	0.00
DAIRY PROCESSING EQUIP OPERATORS	61086025	150	0.01	140	0.01
MEAT GRINDERS	61086033	100	0.01	120	0.01
COOKS &/OR COOKERS	61086035	180	0.01	180	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
MISC MACH OPS, ALL OTH FOOD PROD	61086200	740	0.06	800	0.05
DEPOSITORS, FOOD	61086201	60	0.00	60	0.00
WASHERS &/OR SEPARATORS, FOOD	61086207	220	0.02	240	0.02
ICEMAKERS	61086215	30	0.00	50	0.00
FEED PELLET MILL OPERATORS	61086236	70	0.00	70	0.00
DOUGHNUT MAKERS/DOUGHNUT MACH OPS	61086258	40	0.00	60	0.00
DIVIDING MACH OPERATORS, ETC	61086259	70	0.00	80	0.00
OVEN OPERATORS	61086292	90	0.01	100	0.01
DRIER OPERATORS	61086295	30	0.00	50	0.00
MISC MACH OPS, TOBACCO	61086400	300	0.02	250	0.02
WRAPPER LAYERS	61086406	250	0.02	210	0.01
BUNCH MAKERS, MACHINE	61086408	40	0.00	50	0.00
MISC MACH OPS, TEXTILE MILL PROD	61086600	950	0.07	970	0.06
BLENDING MACHINE OPERATORS	61086607	220	0.02	190	0.01
COATING MACHINE OPERATORS	61086608	40	0.00	50	0.00
CLOTH TRIMMERS, MACHINE, ETC	61086609	80	0.01	70	0.00
FUSING MACHINE OPERATORS	61086614	320	0.02	350	0.02
FOLDING MACHINE OPERATORS	61086618	270	0.02	290	0.02
MISC MACH OPS, LUMBER PROD, FURN	61086800	1,420	0.11	1,510	0.10
TREATING ENGINEERS	61086803	70	0.00	70	0.00
VENEER DRIERS	61086804	160	0.01	170	0.01
HOT PLATE PLYWOOD PRESS OPS	61086806	60	0.00	70	0.00
POWER BARKER OPERATORS	61086808	260	0.02	270	0.02
GLUING MACHINE OPERATORS	61086815	50	0.00	50	0.00
CORE FEEDERS	61086817	70	0.01	70	0.00
WOODWORKING MACHINE OPERATORS	61086818	640	0.05	700	0.05
LAMINATING MACH OPERATORS, FURN	61086819	30	0.00	50	0.00
MISC MACH OPS, PAPER, ALLIED PRO	61087000	2,280	0.17	2,400	0.16
PULP REFINER OPERATORS	61087005	60	0.00	60	0.00
PULPERS	61087006	90	0.01	90	0.01
RECOVERY OPERATORS, PAPERMAKING	61087007	170	0.01	180	0.01
EVAPORATOR OPERATORS, PAPERMAKING	61087011	40	0.00	50	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
FOURDRINIER MACHINE TENDERS	61087014	140	0.01	150	0.01
BACK TENDERS	61087015	180	0.01	190	0.01
BEATERS	61087018	110	0.01	110	0.01
BEATER ENGINEERS	61087019	70	0.00	70	0.00
BLEACHER OPERATORS, PULP	61087020	110	0.01	120	0.01
DIGESTER OPERATORS	61087021	100	0.01	100	0.01
CYLINDER MACHINE TENDERS	61087022	60	0.00	70	0.00
COATER OPERATORS, OFF-MACHINE	61087023	40	0.00	40	0.00
PRINTER-SLOTTER OPERATORS	61087032	60	0.00	60	0.00
TAPING MACHINE OPERATORS	61087038	40	0.00	40	0.00
ENVELOPE MACHINE OPERATORS	61087045	30	0.00	30	0.00
FOLDING MACHINE OPERATORS, PAPER	61087048	40	0.00	50	0.00
BAG MACHINE OPERATORS	61087051	230	0.02	240	0.02
BOTTOMING MACHINE OPERATORS, ETC	61087053	40	0.00	40	0.00
CARTON-FORMING MACH OPERATORS	61087059	30	0.00	30	0.00
BROWN STOCK WASHERS, BLOW PIT OPS	61087064	100	0.01	110	0.01
FOURTH/FIFTH HANDS, PAPER MACHINE	61087065	300	0.02	320	0.02
MISC MACH OPS, CHEM, ALLIED PROD	61087200	3,930	0.29	4,340	0.29
SPINNERS, SYNTHETIC FILAMENTS	61087225	760	0.06	800	0.05
DRAW MACHINE OPERATORS	61087235	280	0.02	290	0.02
CHEMICAL OPERATOR HELPERS	61087288	560	0.04	620	0.04
CHEMICAL OPERATORS A	61087290	1,490	0.11	1,680	0.11
CHEMICAL OPERATORS B	61087291	390	0.03	430	0.03
DRIER OPERATORS, CHEM, PLAST, RUBBR	61087294	30	0.00	30	0.00
CHIEF OPERATORS	61087295	300	0.02	340	0.02
MISC MACH OPS, RUBBER, MISC PLAS	61087600	3,550	0.27	4,030	0.27
RUBBER MILL OPERATORS	61087603	270	0.02	300	0.02
SPLICERS	61087611	50	0.00	50	0.00
TIRE BUILDERS	61087614	1,260	0.09	1,420	0.09
SPLICERS, RUBBER PRODUCTS	61087615	130	0.01	150	0.01
WATCHCASE VULCANIZER TENDERS	61087617	270	0.02	310	0.02

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
PRESS TENDERS, RUBBER GOODS	61087618	70	0.01	80	0.01
EXTRUDER OPS, RUBBER OR PLASTICS	61087623	350	0.03	390	0.03
EXTRUDER OP HELPERS, [illegible] OR PLAS	61087624	210	0.02	240	0.02
BAND BUILDERS	61087625	190	0.01	220	0.01
BEAD FORMING MACH OPERATORS	61087626	60	0.00	70	0.00
BEAD FLIPPERS	61087627	80	0.01	90	0.01
DIPPING MACHINE OPERATORS	61087629	60	0.00	60	0.00
BLOW MOLDING MACHINE OPERATORS	61087631	50	0.00	50	0.00
CALENDER OPS, RUBBER OR PLASTICS	61087633	50	0.00	60	0.00
COMPR &/OR INJECT MOLD MA OPS, PL	61087645	420	0.03	490	0.03
MISC MACH OPS, STONE, CLAY, GLASS	61088000	560	0.04	620	0.04
FORMING MACH OPERATORS, GL CONT	61088012	60	0.00	90	0.01
PRESS OPERATORS	61088026	90	0.01	90	0.01
CAGE MAKERS, HAND OR MACHINE	61088035	30	0.00	30	0.00
BLOCKMAKING MACHINE OPERATORS	61088038	60	0.00	70	0.00
CONCRETE STONE FABRICATORS	61088040	90	0.01	90	0.01
BRICK & TILE MAKING MACH OPS	61088058	50	0.00	40	0.00
CONCRETE VAULT MAKERS	61088070	70	0.01	80	0.00
FLOOR WORKERS, GLASS	61088072	50	0.00	60	0.00
MISC MACH OPS, PRIMARY METALS	61088200	2,140	0.16	2,230	0.15
OPERATORS, DOOR MACHINE	61088205	130	0.01	110	0.01
PUMP OPERATORS, BY-PRODUCTS	61088208	170	0.01	150	0.01
ROLL BUILDERS	61088210	80	0.01	70	0.00
HEATERS, COKE PRODUCTION	61088218	90	0.01	70	0.00
COILERS, WINDERS, &/OR SPOOLERS	61088229	100	0.01	110	0.01
POT TENDERS	61088236	200	0.01	220	0.01
STRETCHER-LEVELER OPERATORS	61088261	80	0.01	90	0.01
DRAW-BENCH OPERATORS, TUBE DRAWRS	61088267	340	0.03	370	0.02
COREMAKERS, MACHINE	61088274	210	0.02	190	0.01
EXTRUSION PRESS OPS, HOT BILLETS	61088276	30	0.00	30	0.00
ROLL FORMING MACH OPERATORS	61088286	180	0.01	200	0.01
DIE-CASTING MACH OPS, SETTERS	61088287	60	0.00	60	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
WIRE WEAVERS	61088293	300	0.02	350	0.02
MISC MACH OPS, MFG, NEC	61088400	1,950	0.15	2,070	0.14
SCREEN/STENCIL PRINTERS/SETTERS	61088401	120	0.01	140	0.01
COREMAKERS, HAND, BENCH, FLOOR	61088403	440	0.03	430	0.03
FILTER/FILTER PRESS OPERATORS	61088405	100	0.01	110	0.01
SKIVERS	61088406	110	0.01	120	0.01
GRINDER OPERATORS	61088407	110	0.01	120	0.01
CHIPPERS	61088408	280	0.02	290	0.02
LAMINATORS, PREFORMS	61088415	200	0.01	230	0.02
PRESS OPERATORS, PLASTICS	61088416	70	0.01	80	0.01
COATERS, ROOFING FELT	61088433	30	0.00	40	0.00
LOADING MACHINE OPERATORS	61088436	290	0.02	310	0.02
SOABAR OPERATORS	61088443	110	0.01	110	0.01
MISC MACH OPS, NONMFG	61088600	850	0.06	950	0.06
TIRE FABRICATORS, REPAIRERS	61088614	780	0.06	890	0.06
REFINERY OPERATORS, PETROLEUM	61088625	30	0.00	30	0.00
OPERATIVES, NEC, DURABLE GOODS	61088800	1,130	0.08	1,240	0.08
CATCHERS	61088809	50	0.00	40	0.00
CASTERS, POTTERY & PORCELAIN	61088810	30	0.00	40	0.00
CONCRETE PIPE MAKERS	61088814	240	0.02	250	0.02
FABRICATORS, PLASTICS	61088817	40	0.00	50	0.00
FINISHERS, HAND	61088818	50	0.00	60	0.00
MOLD MAKERS, BRICK, TILE, CONCRETE	61088830	40	0.00	40	0.00
PLATER HELPERS	61088834	160	0.01	190	0.01
POT LINERS	61088835	60	0.00	70	0.00
WIRE DRAWERS	61088850	280	0.02	310	0.02
PIPE STRIPPERS	61088851	40	0.00	50	0.00
OPERATIVES, NEC, NONDURABLE GDS	61089000	7,480	0.56	8,700	0.57
BAKER HELPERS	61089003	350	0.03	400	0.03
CHICKEN CUTTERS	61089008	470	0.04	560	0.04
COOLER ROOM WORKERS, MEAT	61089009	180	0.01	220	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
DIGESTER OPERATOR HELPERS	61089016	80	0.01	80	0.01
POULTRY DRESSERS, EVISCERATORS	61089040	4,750	0.36	5,690	0.38
PRINTER-SLOTTER FEEDERS	61089042	50	0.00	60	0.00
SKINNERS, ANIMAL	61089058	40	0.00	50	0.00
SMOKERS	61089060	40	0.00	50	0.00
STUNNERS	61089069	30	0.00	40	0.00
THREAD TRIMMERS	61089071	540	0.04	560	0.04
TIRE FINISHERS	61089072	110	0.01	130	0.01
MARKERS	61089092	230	0.02	240	0.02
PRESS ASSISTANTS & FEEDERS	61089095	230	0.02	240	0.02
MAILERS	61089097	160	0.01	180	0.01
OPERATIVES, NEC, NONMFG	61089200	1,060	0.08	1,540	0.10
BILLPOSTERS	61089203	40	0.00	60	0.00
EXTERMINATORS	61089204	650	0.05	960	0.06
TERMITE TREATERS	61089210	260	0.02	380	0.02
TERMITE TREATER HELPERS	61089211	60	0.00	90	0.01
TRANSPORT EQUIP OPERATIVES	62000000	58,760	4.41	64,680	4.27
BUS DRIVERS	62000400	7,050	0.53	8,330	0.55
DELIVERY & ROUTE WORKERS	62000800	12,830	0.96	14,050	0.93
DELIVERY & ROUTE WORKERS	62000801	12,490	0.94	13,660	0.90
FURNITURE ASSEMBLERS & INSTALLERS	62000802	340	0.03	390	0.03
FORK LIFT, TOW MOTOR OPS	62001000	7,880	0.59	8,400	0.55
INDUSTRIAL TRUCK OPERATORS	62001001	7,360	0.55	7,870	0.52
CARRIER DRIVERS	62001002	90	0.01	90	0.01
LOG HANDLING EQUIPMENT OPERATORS	62001003	430	0.03	440	0.03
PARKING ATTENDANTS	62001400	260	0.02	300	0.02
RAILROAD BRAKE OPERATORS	62001600	1,540	0.12	1,460	0.10
TOWER OPERATORS	62001800	60	0.00	50	0.00
TAXICAB DRIVERS, CHAUFFEURS	62002000	790	0.06	880	0.06
AMBULANCE DRIVERS/AMB ATTENDANTS	62002001	460	0.03	510	0.03
TAXI DRIVERS	62002004	230	0.02	260	0.02
RENTAL CAR DELIVERY WORKERS	62002006	30	0.00	30	0.00

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
CHAUFFEURS	62002007	70	0.01	80	0.01
TRUCK DRIVERS	62002200	28,350	2.13	31,210	2.06
TRUCK DRIVERS	62002201	28,350	2.13	31,210	2.06
ALL OTHER SEMISKILLED WORKERS	63000000	19,700	1.48	21,090	1.39
SERVICE WORKERS	70000000	169,710	12.73	206,400	13.64
CLEANING SERVICE WORKERS	70020000	39,600	2.97	47,190	3.12
JANITORS & SEXTONS	70020600	39,600	2.97	47,190	3.12
FOOD SERVICE WORKERS	70040000	67,750	5.08	83,890	5.54
BAKERS BREAD &/OR PASTRY	70040200	490	0.04	620	0.04
BARTENDERS	70040400	790	0.06	920	0.06
WAITERS ASSISTANTS	70040600	2,700	0.20	3,360	0.22
COOKS, EX PRIVATE	70040800	17,460	1.31	21,400	1.41
COOKS, SHORT ORDER/SPEC FAST FD	70040802	4,970	0.37	6,160	0.41
COOKS, RESTAURANT	70040803	4,270	0.32	5,260	0.35
COOKS, INSTITUTIONAL	70040804	8,220	0.62	9,980	0.66
BUTCHERS &/OR MEAT CUTTERS	70041400	2,550	0.19	3,120	0.21
WAITERS OR WAITRESSES	70041600	13,930	1.04	17,160	1.13
HOSTS/HOSTESSES, REST, LNGE, COF SH	70041601	520	0.04	620	0.04
WAITERS OR WAITRESSES	70041602	13,410	1.01	16,540	1.09
FOOD WORKERS, NEC, EX PRIVATE	70041800	29,830	2.24	37,310	2.47
KITCHEN HELPERS	70041802	9,380	0.70	11,700	0.77
FD PREP & SERV WKRS, FAST FD REST	70041804	13,140	0.99	16,550	1.09
PANTRY, SANDWICH, &/OR COF MAKERS	70041805	1,300	0.10	1,630	0.11
ALL OTHER FOOD SERVICE WKRS	70041899	6,010	0.45	7,430	0.49
HEALTH SERVICE WORKERS	70060000	20,550	1.54	27,680	1.83
HEALTH AIDES, EX NURSING	70060400	50	0.00	60	0.00
NURSES AIDES, ORDERLIES	70061000	20,500	1.54	27,620	1.82
NURSES AIDES/ORDERLIES	70061010	16,680	1.25	22,390	1.48
PSYCHIATRIC AIDES	70061011	2,520	0.19	3,440	0.23
MEDICAL ASSISTANTS	70061013	1,280	0.10	1,780	0.12
PERSONAL SERVICE WORKERS	70080000	12,370	0.93	13,700	0.91
ATTNS, RECREATION, AMUSEMENT	70080400	930	0.07	1,030	0.07

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
RECREATION FACILITY ATTENDANTS	70080401	590	0.04	640	0.04
GAME OPS, RIDE OPS, CONCESS WKRS	70080402	130	0.01	150	0.01
PIN CHASERS	70080403	50	0.00	60	0.00
LIFEGUARDS	70080407	160	0.01	180	0.01
ATTNS, PERSONAL SERVICE, NEC	70080600	1,490	0.11	1,820	0.12
FUNERAL ATTENDANTS	70080607	210	0.02	230	0.02
INSTRUCTORS, REDUCING	70080611	330	0.02	360	0.02
HOUSEKEEPERS, HOTEL & MOTEL	70080616	840	0.06	1,090	0.07
CHECKROOM & LOCKER RM ATTNS	70080618	30	0.00	40	0.00
GUIDES, SIGHTSEEING OR ESTABLHMT	70080619	60	0.00	80	0.01
BAGGAGE PORTERS & BELLHOPS	70080800	210	0.02	220	0.01
BELLHOPS, BAG PORTERS, DRKPRS, ETC	70080801	190	0.01	210	0.01
BARBERS	70081000	440	0.03	470	0.03
BOOTBLACKS	70081400	40	0.00	50	0.00
CHILD CARE WORKERS, EX PRIVATE	70081600	4,210	0.32	4,610	0.30
CHILD CARE ATTENDANTS	70081601	180	0.01	200	0.01
CHILD CARE WORKERS	70081602	4,030	0.30	4,410	0.29
ELEVATOR OPERATORS	70081800	90	0.01	100	0.01
HAIRDRESSERS, COSMETOLOGISTS	70082000	3,720	0.28	4,100	0.27
COSMETOLOGISTS/WM'S HAIRSTYLISTS	70082001	3,390	0.25	3,740	0.25
MANICURISTS	70082003	40	0.00	50	0.00
SCALP TREATMENT OPERATORS	70082004	30	0.00	30	0.00
SHAMPOOERS	70082006	260	0.02	280	0.02
USHERS, LOBBY ATTNS, TICKET TAKERS	70082800	240	0.02	200	0.01
WELFARE SERVICE AIDES	70083000	990	0.07	1,090	0.07
PROTECTIVE SERVICE WORKERS	70100000	24,940	1.87	28,720	1.90
CROSSING GUARDS, BRIDGETENDERS	70100200	540	0.04	560	0.04
CROSSING OR BRIDGE TENDERS	70100202	30	0.00	30	0.00
SCHOOL CROSSING GUARDS	70100203	510	0.04	530	0.04
FIREFIGHTERS	70100400	4,540	0.34	4,760	0.31
FIREFIGHTERS	70100401	3,480	0.26	3,640	0.24
FIRE INSPECTORS	70100402	80	0.01	90	0.01

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
FIRE OFFICERS	70100403	980	0.07	1,030	0.07
GUARDS	70100600	11,440	0.86	14,560	0.96
GUARDS & DOORKEEPERS	70100601	9,830	0.74	12,920	0.85
CHECKERS, FITTING ROOM	70100602	50	0.00	50	0.00
FISH & GAME WARDENS	70100606	240	0.02	240	0.02
CORRECTION OFFICERS &/OR JAILERS	70100607	1,320	0.10	1,350	0.09
U.S. MARSHALLS	70100800	50	0.00	60	0.00
POLICE & DETECTIVES	70101000	8,090	0.61	8,490	0.56
STORE DETECTIVES	70101002	400	0.03	480	0.03
POLICE OFFICERS	70101004	1,480	0.11	1,540	0.10
POLICE DETECTIVES	70101005	790	0.06	840	0.06
POLICE PATROLMEN/WOMEN	70101006	5,320	0.40	5,530	0.37
PARKING ENFORCEMENT OFFICERS	70101007	80	0.01	80	0.01
SHERIFFS, DEPUTIES, & BAILIFFS	70101200	280	0.02	290	0.02
SHERIFFS & DEPUTIES	70101201	250	0.02	260	0.02
BAILIFFS	70101202	30	0.00	30	0.00
OTHER SERVICE WORKERS	70200000	4,500	0.34	5,220	0.34
SUPERVISORS, NONWORKING, SERVICE	70200001	2,450	0.18	2,890	0.19
ALL OTHER SERVICE WORKERS	70200099	2,050	0.15	2,330	0.15
LABORERS, EXCEPT FARM	80000000	105,960	7.95	114,270	7.55
ANIMAL CARETAKERS	80000200	150	0.01	160	0.01
CONST LABRS, EX CARPNTRS HELPERS	80000600	5,970	0.45	6,270	0.41
AIR HAMMER OPERATORS	80000601	320	0.02	340	0.02
FORM SETTERS, METAL ROAD FORM	80000603	30	0.00	30	0.00
DREDGE PIPE INSTALLERS	80000606	30	0.00	30	0.00
FENCE ERECTORS	80000607	250	0.02	260	0.02
PIPELAYERS	80000609	1,010	0.08	1,070	0.07
REINFORCING-IRON WORKERS	80000610	1,090	0.08	1,160	0.08
HIGHWAY MAINTENANCE WORKERS	80000628	3,160	0.24	3,290	0.22
ASPHALT RAKERS	80000629	60	0.00	70	0.00
FREIGHT, MATERIAL HANDLERS	80001000	4,080	0.31	4,260	0.28
CHAIN OFFBEARERS, LUMBER	80001005	990	0.07	990	0.07

Table 11 (Continued)
OES INDUSTRY EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
ALABAMA

OCCUPATION	CODE	1978 NUMBER[1]	1978 PERCENT[2]	1985 NUMBER[1]	1985 PERCENT[2]
CANNERY WORKERS	80002824	140	0.01	150	0.01
LINE SERVICE ATTENDANTS	80002830	110	0.01	120	0.01
FOREST CONSERVATION WORKERS	80002831	270	0.02	280	0.02
SEPTIC TANK SERVICERS, ETC	80002832	70	0.01	80	0.01
ALL OTHER UNSKILLED WRKRS	80002899	49,810	3.73	53,160	3.51

[1]Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment of less than 30 in both the base (1978) and projected (1985) year.

[2]Percent distributions calculated using raw data.

*Insignificant openings (rounded data less than 5).

Table 12
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TOTAL, ALL OCCUPATIONS	0	67,980	100.00	4.49	25,645	42,335
PROFESS, TECHN, & KINDRED WORKERS	10000000	12,525	18.43	5.05	5,520	7,005
ENGINEERS	10020000	540	0.79	3.15	275	265
AERO-ASTRONAUTIC ENGINEERS	10020200	40	0.06	1.91	25	15
CHEMICAL ENGINEERS	10020400	20	0.03	2.53	10	10
CIVIL ENGINEERS	10020600	85	0.13	3.15	20	65
ELECTRICAL ENGINEERS	10020800	140	0.21	3.46	100	40
INDUSTRIAL ENGINEERS	10021000	40	0.06	3.13	20	20
MECHANICAL ENGINEERS	10021200	90	0.13	3.68	50	40
METALLURGICAL ENGINEERS	10021400	5	0.00	1.40	*	*
MINING ENGINEERS	10021600	25	0.04	13.38	5	20
OTHER ENGINEERS	10022000	95	0.14	2.82	45	50
TRAFFIC ENGINEERS	10022003	5	0.00	1.99	*	*
ALL OTHER ENGINEERS	10022099	90	0.13	2.88	40	50
LIFE & PHYSICAL SCIENTISTS	10040000	70	0.10	2.69	30	40
AGRICULTURAL SCIENTISTS	10040200	10	0.02	4.06	5	5
LIFE SCIENTISTS	10040600	15	0.02	3.13	5	10
BIOLOGICAL SCIENTISTS	10040601	15	0.02	3.11	5	10
CHEMISTS	10040800	25	0.04	2.54	10	15
GEOLOGISTS	10041000	5	0.01	4.65	*	5
PHYSICISTS	10041400	10	0.02	3.22	5	5
LIFE, PHYSICAL SCIENTISTS, NEC	10041600	5	0.01	2.19	5	*
MATHEMATICAL SPECIALISTS	10060000	25	0.04	3.51	15	10
MATHEMATICAL SCIENTISTS	10060400	20	0.03	3.15	15	5
MATHEMATICIANS	10060402	15	0.02	3.38	10	5
STATISTICIANS	10060600	5	0.01	4.86	*	5
ENGINEERING, SCIENCE TECHNS	10080000	510	0.75	2.82	285	225
DRAFTERS	10080600	115	0.16	2.54	75	40

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
ELECTRICAL, ELECTRONIC TECHNS	10080800	155	0.23	3.08	105	50
ELECTRICAL & ELECTRONIC TECHNS	10080803	145	0.22	3.14	100	45
BROADCAST TECHNICIANS	10080808	10	0.01	2.43	5	5
INDUSTRIAL ENGINEERING TECHNS	10081000	15	0.02	3.00	10	5
MECHANICAL ENGINEERING TECHNS	10081400	10	0.02	4.47	5	5
SURVEYORS	10081600	35	0.05	2.69	10	25
ENGINEERING, SCIENCE TECHNS, NEC	10081800	180	0.26	2.78	80	100
TIMBER CRUISERS	10081808	10	0.02	3.90	*	10
TRAFFIC TECHNICIANS	10081813	5	0.01	3.71	*	5
CIVIL ENGINEERING TECHNICIANS	10081816	10	0.01	2.75	5	5
ALL OTHER ENG TECHNS	10081898	90	0.13	2.55	40	50
ALL OTHER SCIENCE TECHNICIANS	10081899	65	0.10	2.92	35	30
MEDICAL WORKERS, EX TECHNS	10100000	1,870	2.75	6.32	970	900
DENTISTS	10100400	40	0.06	4.73	30	10
DIETITIANS	10100600	80	0.11	7.12	30	50
NURSES & PHYSICIANS ASSTS	10100800	1,235	1.82	6.88	610	625
OPTOMETRISTS	10101000	10	0.01	10.08	5	5
PHARMACISTS	10101200	135	0.20	5.93	45	90
PHYSICIANS, MED & OSTEOPATH	10101400	185	0.27	4.60	140	45
THERAPISTS	10101800	185	0.27	5.72	110	75
OCCUPATIONAL THERAPISTS	10101801	5	0.01	5.88	5	*
MANUAL ARTS, MUSIC, REC THERAPISTS	10101802	35	0.05	6.13	20	15
SPEECH & HEARING CLINICIANS, ETC	10101803	25	0.04	4.80	15	10
PHYSICAL THERAPISTS	10101804	30	0.04	5.82	15	15
INHALATION THERAPISTS	10101809	70	0.10	6.16	45	25
ALL OTHER THERAPISTS	10101810	20	0.03	5.03	10	10
HEALTH TECHNOLS & TECHNS	10120000	1,805	2.66	6.55	1,010	795
CLINICAL LAB TECHNOLS, TECHNS	10120200	250	0.37	5.99	155	95

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
MEDICAL LAB TECHNOLOGISTS	10120201	105	0.15	5.85	65	40
BIOCHEMISTRY TECHNOLOGISTS	10120202	10	0.02	6.15	5	5
MICROBIOLOGY TECHNOLOGISTS	10120203	10	0.02	6.21	5	5
CYTOTECHNOLOGISTS	10120204	5	0.01	5.77	5	*
HISTOLOGIC TECHNOLOGISTS	10120205	10	0.01	6.14	5	5
MEDICAL LAB ASSISTANTS	10120206	100	0.15	6.13	65	35
BLOOD BANK TECH SPECIALISTS	10120207	10	0.02	5.86	5	5
DENTAL HYGIENISTS & ASSISTANTS	10120400	235	0.35	6.56	140	95
DENTAL ASSISTANTS	10120401	145	0.21	6.66	85	60
DENTAL HYGIENISTS	10120402	90	0.14	6.42	55	35
HEALTH RECORD TECHNOLS, TECHNS	10120600	25	0.04	6.00	15	10
RADIOLOGIC TECHNOLS, TECHNS	10120800	120	0.18	5.94	75	45
X-RAY TECHNICIANS	10120801	90	0.14	6.09	60	30
RADIOLOGIC TECHNS & NUC MED TECHNS	10120804	30	0.04	5.54	15	15
OTHER HEALTH TECHNOLS, TECHNS	10121000	1,175	1.72	6.76	625	550
SURGICAL TECHNICIANS	10121002	40	0.06	5.93	25	15
EKG TECHNICIANS	10121006	20	0.03	5.61	10	10
EEG TECHNICIANS	10121007	5	0.01	5.57	5	*
PHARMACY HELPERS	10121009	50	0.07	6.87	25	25
LICENSED PRACTICAL NURSES	10121010	925	1.36	7.08	485	440
DIETETIC TECHNICIANS	10121011	20	0.03	6.16	10	10
PHYSICAL THERAPY TECHNICIANS	10121012	40	0.06	6.44	25	15
ALL OTHER MED & DENT TECHNS	10121099	75	0.11	4.97	40	35
TECHNICIANS, EX HEALTH OR S & E	10140000	130	0.19	3.17	60	70
AIRPLANE PILOTS	10140200	15	0.02	2.36	10	5
AIR TRAFFIC CONTROLLERS	10140400	10	0.01	1.71	5	5
EMBALMERS	10140600	10	0.02	4.54	*	10
RADIO OPERATORS	10141000	15	0.02	7.18	5	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
OTHER TECHNS, EX HEALTH OR S & E	10141400	80	0.11	3.25	40	40
ALL OTHER TECHNICIANS	10141404	65	0.09	3.18	30	35
TECHNICAL ASSISTANTS, LIBRARY	10141405	15	0.02	3.65	10	5
COMPUTER SPECIALISTS	10160000	170	0.25	3.27	120	50
COMPUTER PROGRAMMERS	10160200	80	0.12	3.48	60	20
COMPUTER SYSTEMS ANALYSTS	10160400	90	0.13	3.11	60	30
SOCIAL SCIENTISTS	10180000	90	0.13	4.53	40	50
ECONOMISTS	10180200	15	0.02	4.72	5	10
FINANCIAL ANALYSTS	10180201	5	0.01	6.15	*	5
ECONOMISTS	10180202	10	0.02	4.27	5	5
PSYCHOLOGISTS	10180600	35	0.05	4.30	20	15
SOCIOLOGISTS	10180800	20	0.03	8.09	10	10
URBAN & REGIONAL PLANNERS	10181000	10	0.01	2.29	5	5
OTHER SOCIAL SCIENTISTS	10181200	10	0.01	5.42	*	10
TEACHERS	10200000	4,245	6.24	5.47	1,765	2,480
ADULT EDUCATION TEACHERS	10201000	110	0.16	4.08	45	65
COLLEGE & UNIVERSITY TEACHERS	10202000	1,085	1.59	4.99	500	585
TEACHERS, VOCATIONAL ED OR TRAIN	10202001	45	0.07	4.93	20	25
TEACHERS, COLLEGE	10202002	850	1.25	5.00	395	455
GRADUATE ASSISTANTS	10202003	175	0.26	5.00	80	95
EXTENSION SERVICE SPECIALISTS	10202004	15	0.02	4.82	5	10
ELEMENTARY SCHOOL TEACHERS	10203000	1,805	2.66	6.21	660	1,145
SECONDARY SCHOOL TEACHERS	10205000	1,235	1.81	5.15	555	680
TEACHERS, NEC	10206000	10	0.02	6.30	5	5
DANCE INSTRUCTORS	10206001	5	0.01	6.27	*	5
ALL OTHER TEACHERS	10206099	5	0.01	6.35	5	*
WRITERS, ARTISTS, & ENTERTAINERS	10220000	425	0.62	4.12	175	250
ATHLETES & KINDRED WORKERS	10220400	15	0.02	3.78	5	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
ATHLETES	10220401	5	0.01	3.70	5	*
SPORTS INSTRUCTORS	10220403	5	0.01	3.73	*	5
UMPIRES	10220404	5	0.01	4.30	*	5
DESIGNERS	10221000	75	0.11	4.24	35	40
DESIGNERS	10221001	75	0.11	4.24	35	40
EDITORS & REPORTERS	10221200	90	0.13	4.58	35	55
WRITERS &/OR EDITORS	10221201	60	0.08	4.69	25	35
REPORTERS & CORRESPONDENTS	10221203	30	0.04	4.35	10	20
MUSICIANS	10221400	120	0.17	4.11	40	80
MUSICIANS, INSTRUMENTAL	10221404	120	0.17	4.11	40	80
PAINTERS	10221600	30	0.05	5.00	15	15
COMMERCIAL ARTISTS	10221601	30	0.05	5.06	15	15
PHOTOGRAPHERS	10221800	20	0.03	3.13	10	10
PHOTOGRAPHERS	10221801	20	0.03	3.15	10	10
PUBLIC RELATIONS SPECIALISTS	10222000	50	0.07	6.00	15	35
RADIO, TV ANNOUNCERS	10222200	25	0.04	2.22	20	5
ANNOUNCERS	10222201	20	0.03	2.20	15	5
BROADCAST NEWS ANALYSTS	10222202	5	0.00	2.42	*	*
OTHER PROFESSIONAL & TECHN WKRS	10240000	2,645	3.89	4.97	775	1,870
ACCOUNTANTS	10240200	460	0.68	4.59	135	325
ACCOUNTANTS & AUDITORS	10240201	410	0.61	4.65	125	285
TAX EXAMINERS, COLLECTRS, REV AGT	10240203	35	0.05	3.85	5	30
TAX PREPARERS	10240204	15	0.02	5.06	5	10
ARCHITECTS	10240400	15	0.02	4.37	5	10
BUYERS & PURCHASING AGENTS	10240800	305	0.45	5.03	95	210
PURCHASING AGENTS &/OR BUYERS	10240801	130	0.19	4.59	35	95
BUYERS, RETAIL &/OR WHOLSL TRADE	10240804	165	0.24	5.42	55	110
RIGHT-OF-WAY AGENTS	10240805	10	0.01	5.33	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
CLERGY	10241000	440	0.64	5.71	95	345
DIRECTORS , REL ACT & OR REL ED	10241200	45	0.07	6.37	10	35
FORESTERS	10241600	15	0.02	4.03	5	10
JUDGES	10242000	70	0.11	11.04	5	65
JUDGES	10242001	65	0.10	11.00	5	60
MAGISTRATES	10242002	5	0.01	11.43	0	5
LAWYERS & KINDRED WORKERS	10242200	180	0.27	6.29	70	110
LAW CLERKS	10242201	35	0.05	6.60	15	20
LAWYERS	10242202	130	0.20	6.20	50	80
PARALEGAL PERSONNEL	10242203	15	0.02	6.42	5	10
LIBRARIANS	10242400	155	0.23	5.37	60	95
LIBRARIANS	10242401	150	0.22	5.36	60	90
AUDIO VISUAL SPECIALISTS	10242402	5	0.01	5.67	*	5
PERSONNEL, LABOR REL SPECIALISTS	10242800	130	0.19	3.97	45	85
PERSONNEL, LABOR REL SPECIALISTS	10242802	90	0.13	3.87	30	60
EMPLOYMENT INTERVIEWERS	10242803	40	0.06	4.22	15	25
RECREATION WORKERS	10243200	70	0.10	5.10	15	55
GROUP RECREATION WORKERS	10243201	65	0.10	5.09	15	50
CAMP DIRECTORS	10243206	5	0.00	5.36	*	*
SOCIAL WORKERS	10243400	225	0.33	4.58	40	185
CASEWORKERS	10243401	200	0.29	4.56	35	165
COMMUNITY ORGANIZATION WORKERS	10243405	25	0.03	4.75	5	20
VOCATIONAL, EDUC COUNSELORS	10243600	100	0.15	4.97	40	60
ALL OTHER PROFESSIONAL WORKERS	10243800	435	0.64	4.31	155	280
APPRAISERS	10243807	5	0.01	7.74	*	*
COST ESTIMATORS	10243808	60	0.09	4.23	15	45
CREDIT ANALYSTS, CHIEF	10243809	5	0.01	6.03	*	5
CREDIT ANALYSTS	10243810	20	0.03	5.53	10	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TITLE EXAMINERS &/OR ABSTRACTORS	10243811	5	0.01	4.79	*	5
UNDERWRITERS	10243814	35	0.05	5.83	10	25
INVESTIGATORS, INSURANCE	10243815	5	0.00	4.15	5	*
APPRAISERS, REAL ESTATE	10243816	20	0.03	5.58	5	15
ASSESSORS	10243817	20	0.03	7.85	*	20
CLAIM TAKERS, UNEMP BENEFITS	10243818	5	0.01	3.39	0	5
SPECIAL AGENTS, INSURANCE	10243820	5	0.01	3.18	0	5
TRAVEL AGTS, TR ACCOM APPRAISERS	10243821	15	0.02	4.81	5	10
CLAIM EXAMINERS, PRPTY/CSLTY INS	10243822	10	0.01	3.72	5	5
ALL OTHER PROFESSIONAL	10243899	225	0.33	3.88	100	125
MANAGERS & OFFICIALS	20000000	5,655	8.32	5.31	1,795	3,860
SALES MANAGERS	20020000	120	0.18	3.34	55	65
SALES MANAGERS, RETAIL TRADE	20020800	120	0.18	3.34	55	65
ADMINISTRATORS, PUB INSPECTORS	20040000	125	0.19	4.79	15	110
CONSTRUCTION INSPECTORS, PUB ADM	20040400	25	0.04	6.09	*	25
INSPECTORS, EX CONST, PUB ADM	20040800	65	0.09	3.95	10	55
POSTMASTERS & MAIL SUPERINTS	20041200	35	0.05	6.07	5	30
OTHER MANAGERS & OFFICIALS	20060000	5,410	7.96	5.39	1,725	3,685
RAILROAD CONDUCTORS	20061200	20	0.03	2.82	-5	25
RESTAURANT, CAFE, & BAR MGRS	20061400	355	0.52	6.26	150	205
OTHER MGRS, ADMINISTRATORS	20061600	5,035	7.40	5.36	1,580	3,455
MANAGERS, STORE	20061612	755	1.11	5.33	235	520
MANAGERS, AUTO SERVICE DEPT	20061613	50	0.07	4.97	15	35
MANAGERS, AUTO PARTS DEPT	20061614	30	0.05	4.98	5	25
WHOLESALERS	20061615	155	0.23	5.42	50	105
ALL OTHER MANAGERS	20061699	4,045	5.95	5.37	1,275	2,770
SALES WORKERS	30000000	4,230	6.22	5.06	1,195	3,035

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
INSURANCE AGENTS, BROKERS, ETC	30001000	190	0.28	3.63	35	155
SALES AGENTS, SALES REPS, INSURANCE	30001005	185	0.28	3.61	30	155
REAL ESTATE AGENTS, BROKERS	30001400	60	0.09	6.36	10	50
REAL ESTATE BROKERS	30001402	5	0.01	6.51	*	5
SALES AGENTS, SALES REPS, REAL EST	30001403	55	0.08	6.40	10	45
STOCK & BOND SALES AGENTS	30001600	20	0.03	5.33	10	10
SALES AGENTS, SALES REPS, SECURITY	30001605	20	0.03	5.12	10	10
OTHER SALES WORKERS	30001800	3,960	5.82	5.14	1,140	2,820
SALES CLERKS	30001802	1,870	2.75	4.99	490	1,380
CRATING & MOVING ESTIMATORS	30001805	5	0.01	5.09	*	5
ALL OTHER SALES WORKERS	30001899	2,080	3.06	5.27	645	1,435
CLERICAL WORKERS	40000000	12,475	18.35	4.75	4,955	7,520
STENOS, TYPISTS, SECRETARIES	40020000	2,550	3.75	4.95	925	1,625
SECRETARIES	40020200	1,660	2.44	5.15	650	1,010
STENOGRAPHERS	40020400	305	0.45	4.74	85	220
TYPISTS	40020600	585	0.86	4.56	190	395
OFFICE MACHINE OPERATORS	40040000	585	0.86	4.67	280	305
BOOKKEEPING, BILLING OPERATORS	40040200	210	0.31	5.21	90	120
BOOKKEEPING/BILLING MACHINE OPS	40040201	145	0.21	5.03	60	85
PROOF MACHINE OPERATORS	40040202	50	0.07	5.68	25	25
TRANSIT CLERKS	40040203	15	0.02	5.61	5	10
COMPUTER, PERIPHERAL EQUIP OPS	40040600	100	0.15	3.41	70	30
COMPUTER OPERATORS	40040601	95	0.14	3.42	65	30
PERIPHERAL EDP EQUIP OPERATORS	40040602	5	0.01	3.06	5	*
DUPLICATING MACHINE OPERATORS	40040800	5	0.01	4.25	*	5
KEYPUNCH OPERATORS	40041000	230	0.34	4.87	105	125
ALL OTHER OFFICE MACHINE OPS	40041400	40	0.06	5.63	15	25

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
OTHER CLERICAL WORKERS	40060000	9,340	13.74	4.70	3,750	5,590
BANK TELLERS	40060200	425	0.62	5.27	220	205
NEW ACCOUNTS TELLERS	40060201	45	0.07	5.21	25	20
TELLERS	40060203	380	0.55	5.28	195	185
BOOKKEEPERS	40060600	1,205	1.77	4.96	430	775
ACCOUNTING CLERKS	40060601	440	0.65	4.87	150	290
BOOKKEEPERS, HAND	40060603	765	1.12	5.02	280	485
CASHIERS	40060800	1,390	2.04	5.14	575	815
ELIGIBILITY WORKERS, WELFARE	40061000	10	0.01	2.50	0	10
CLERICAL SUPERVISORS	40061200	250	0.37	4.61	120	130
COLLECTORS, BILL & ACCOUNT	40061400	95	0.14	6.08	45	50
COUNTER CLERKS, EX FOOD	40061600	195	0.28	5.48	55	140
CAR RENTAL CLERKS	40061601	5	0.01	5.61	*	5
DESK CLERKS	40061603	55	0.08	5.21	15	40
ORDER CLERKS	40061604	115	0.17	5.64	35	80
CIRCULATION CLERKS	40061605	5	0.01	5.87	*	5
CLASSIFIED AD CLERKS, NEWSPAPER	40061606	5	0.00	5.22	*	*
TELEPHONE AD TAKERS, NEWSPAPER	40061607	5	0.00	4.93	*	*
DESK CLERKS, BOWLING FLOOR	40061608	5	0.01	5.01	5	*
DISPATCHERS, STARTERS, VEHICLE	40061800	85	0.13	4.31	20	65
DISPATCHERS, POLICE, FIRE, AMBULANCE	40061803	35	0.06	3.91	5	30
DISPATCHERS, VEHICLE, SERV OR WK	40061804	50	0.07	4.68	15	35
SURVEY WORKERS	40062000	35	0.05	5.73	20	15
ESTIMATORS, INVESTIGATORS, NEC	40062200	125	0.18	5.00	45	80
CREDIT AUTHORIZERS	40062201	15	0.03	5.16	5	10
ADJUSTMENT CLERKS	40062208	20	0.03	5.15	10	10
CHECKING CLERKS	40062209	15	0.02	5.67	5	10
CLAIMS CLERKS	40062210	50	0.07	4.30	15	35

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
CREDIT REPORTERS	40062211	20	0.03	7.05	10	10
CUSTOMER SERV REPS, PRINT & PUBL	40062216	5	0.00	4.24	*	5
PRODUCTION CLERKS	40062400	70	0.10	2.90	30	40
FILE CLERKS	40062600	275	0.41	4.98	115	160
FILE CLERKS	40062601	190	0.28	5.21	85	105
PERSONNEL CLERKS	40062602	70	0.11	4.44	25	45
ADMISSIONS EVALUATORS	40062603	15	0.02	5.19	5	10
CLAIM ADJUSTERS	40062800	75	0.11	3.50	30	45
CLAIM EXAMINERS, INSURANCE	40062801	15	0.02	5.10	5	10
CLAIM ADJUSTERS	40062803	60	0.09	3.26	25	35
LIBRARY ASSISTANTS	40063000	35	0.05	4.92	10	25
MAIL CARRIERS, POSTAL SERVICE	40063200	190	0.28	3.20	40	150
MAIL HANDLERS, EX POSTAL SERVICE	40063400	50	0.07	4.41	20	30
MAIL CLERKS	40063402	50	0.07	4.43	20	30
MESSENGERS & OFFICE HELPERS	40063600	30	0.05	7.70	10	20
MESSENGERS	40063602	30	0.04	7.57	10	20
METER READERS, UTILITIES	40063800	15	0.02	3.42	10	5
PAYROLL, TIMEKEEPING CLERKS	40064000	125	0.18	4.38	40	85
POSTAL CLERKS	40064200	40	0.06	3.12	10	30
PROOFREADERS	40064400	10	0.01	5.60	*	10
PROOFREADERS, COMPOSED COPY	40064410	10	0.01	5.60	*	10
RECEPTIONISTS	40064800	495	0.73	6.19	220	275
RECEPTIONISTS	40064802	365	0.54	6.43	170	195
SWITCHBD OPS/RECEPTIONISTS	40064803	130	0.19	5.63	50	80
SHIPPING, RECEIVING CLERKS	40065000	360	0.53	3.38	160	200
SHIPPING, RECEIVING CLERKS	40065001	195	0.29	3.46	90	105
SHIPPING PACKERS	40065002	165	0.24	3.28	70	95

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
STATISTICAL CLERKS	40065200	80	0.12	4.29	35	45
RATERS	40065209	35	0.05	5.09	20	15
STATISTICAL CLERKS	40065211	30	0.04	4.48	15	15
COURT CLERKS	40065216	10	0.01	3.18	*	10
INSURANCE CHECKERS	40065217	5	0.01	3.35	*	5
STOCK CLERKS, STOREKEEPERS	40065400	510	0.75	3.63	245	265
PROCUREMENT CLERKS	40065402	30	0.04	3.42	10	20
STOCK CLERKS, STOCKRM, WAREHS, ETC	40065404	480	0.71	3.65	235	245
TEACHERS AIDES, EX MONITORS	40065600	255	0.38	4.55	120	135
TELEGRAPH OPERATORS	40066000	5	0.01	3.87	*	5
TELEPHONE OPERATORS	40066200	275	0.41	5.82	120	155
SWITCHBOARD OPERATORS	40066201	140	0.21	6.06	65	75
CENTRAL OFFICE OPERATORS	40066202	125	0.19	5.62	50	75
DIRECTORY ASSISTANCE OPERATORS	40066203	5	0.01	4.95	*	*
SERVICE OBSERVERS	40066205	5	0.01	5.45	*	5
TICKET, STATION, EXPRESS AGENTS	40066400	30	0.04	3.62	10	20
STATION AGENTS	40066401	5	0.00	2.14	0	5
TRAFFIC AGENTS	40066402	5	0.01	3.81	*	5
RESERVATION AGENTS	40066403	5	0.01	3.68	5	*
TICKET AGENTS	40066405	15	0.02	3.91	5	10
WEIGHERS	40066600	30	0.04	4.00	5	25
ALL OTHER CLERICAL WORKERS	40066800	2,570	3.78	4.78	990	1,580
LOAN CLOSERS	40066801	20	0.03	5.38	10	10
GENERAL CLERKS, OFFICE	40066811	1,640	2.41	4.62	595	1,045
IN-FILE OPERATORS	40066812	30	0.04	7.20	20	10
POLICY CHANGE CLERKS	40066815	15	0.02	5.08	5	10
REAL ESTATE CLERKS	40066818	10	0.02	4.27	5	5
SAFE DEPOSIT CLERKS	40066820	5	0.01	5.83	*	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
STATEMENT CLERKS	40066823	35	0.05	5.57	15	20
SERVICE CLERKS	40066824	25	0.03	5.20	10	15
TITLE SEARCHERS	40066825	5	0.00	3.67	*	*
TRAFFIC CLERKS	40066826	5	0.01	4.71	*	5
MARKING CLERKS TRADE	40066829	30	0.04	5.04	15	15
SHADE TICKET MARKERS	40066834	5	0.01	3.83	*	5
RATE CLERKS, FREIGHT	40066838	5	0.01	3.76	*	5
TOWN CLERKS	40066840	25	0.03	4.68	5	20
CREDIT CLERKS, BANK &/OR INS	40066841	40	0.06	5.48	20	20
MORTGAGE CLOSING CLERKS	40066842	15	0.02	5.31	10	5
SORTING CLERKS, BANK	40066844	5	0.01	5.16	*	*
INSURANCE CLERKS	40066845	5	0.01	5.45	*	5
INSURANCE CLERKS, MEDICAL	40066846	115	0.17	6.61	70	45
ALL OTHER OFFICE CLERICAL	40066898	350	0.52	5.03	150	200
ALL OTHER PLANT CLERICAL	40066899	185	0.27	4.45	60	125
CRAFTS & KINDRED WORKERS	50000000	7,120	10.48	3.51	2,475	4,645
CONSTRUCTION CRAFTS WKRS	50020000	2,070	3.04	3.80	640	1,430
CARPENTERS	50020200	635	0.94	4.76	140	495
CARPENTERS	50020201	600	0.88	4.65	120	480
ROOF BOLTERS	50020202	30	0.04	7.91	15	15
SHIPWRIGHTS	50020204	5	0.01	7.14	5	*
BRICK MASONS & STONE MASONS	50020600	50	0.07	2.69	10	40
BRICKLAYERS	50020601	40	0.06	2.94	10	30
STONE MASONS	50020602	5	0.01	3.21	*	5
REFRACTORY MATERIALS REPAIRERS	50020606	5	0.00	1.01	*	5
LOGGING TRACTOR OPERATORS	50021000	35	0.05	2.86	10	25
CEMENT & CONCRETE FINISHERS	50021200	60	0.09	3.15	15	45
CEMENT MASONS	50021201	50	0.08	3.20	15	35
CONCRETE RUBBERS	50021203	5	0.01	2.90	*	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
ELECTRICIANS	50021400	330	0.49	3.21	120	210
ELECTRICIANS	50021401	330	0.49	3.21	120	210
EXCAVATING, GRADING MACH OPS	50021800	455	0.67	4.06	195	260
CONCRETE MIXER OPERATORS	50021802	5	0.01	3.60	*	5
DREDGE OPERATORS	50021803	5	0.01	5.41	*	*
HEAVY EQUIPMENT OPERATORS	50021807	440	0.65	4.09	190	250
BATCH PLANT OPERATORS	50021809	5	0.01	3.10	*	5
PAINTERS, CONSTRUCTION, MAINT	50022200	165	0.24	4.34	45	120
PLASTERERS	50022800	10	0.01	4.18	*	10
PLASTERERS	50022801	10	0.01	4.18	*	10
PLUMBERS & PIPEFITTERS	50023200	225	0.33	3.38	70	155
FITTERS, PIPELAYING	50023202	10	0.01	3.21	5	5
PLUMBERS &/OR PIPEFITTERS	50023203	215	0.32	3.39	65	150
ROOFERS	50023600	35	0.05	2.36	15	20
STRUCTURAL STEEL WORKERS	50023800	55	0.08	3.02	15	40
TILE SETTERS	50024000	15	0.03	2.67	5	10
TILE SETTERS	50024001	5	0.01	2.64	*	5
CEILING TILE INSTALLRS, FLR LAYRS	50024002	10	0.01	2.70	5	5
BLUE COLLAR WKR SUPVSRS	50040000	1,020	1.50	3.68	340	680
DISPATCHERS, MINE CAR	50040002	10	0.02	6.55	5	5
SUPERVISORS, NONWORKING	50040003	1,010	1.48	3.66	335	675
METALWKG CRAFTS WKRS, EX MECH	50060000	590	0.86	2.86	140	450
BLACKSMITHS	50060200	5	0.01	8.52	0	5
BOILERMAKERS	50060400	55	0.08	3.63	10	45
HEAT TREATERS, ANNEALERS, ETC	50060600	10	0.01	3.23	5	5
FORGE & HAMMER OPERATORS	50060800	10	0.02	4.67	5	5
FORGING PRESS OPERATORS	50060802	10	0.02	4.55	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
JOB & DIE SETTERS, METAL	50061000	35	0.05	2.20	15	20
DIE SETTERS	50061002	5	0.01	3.09	5	*
MACHINE TOOL SETTERS, METALWRKING	50061003	20	0.02	2.67	10	10
SETTERS, MOLDING & COREMKG MACH	50061005	0	0.00	-0.23	-5	5
PUNCH PRESS SETTERS, METAL	50061007	10	0.02	2.85	5	5
MACHINISTS	50061200	220	0.32	3.41	70	150
LAYOUT MARKERS, METAL	50061202	15	0.02	3.95	5	10
MACHINISTS	50061206	205	0.30	3.38	65	140
MILLWRIGHTS	50061600	70	0.10	2.82	5	65
MOLDERS, METAL	50061800	15	0.02	0.54	-25	40
MOLDERS, BENCH &/OR FLOOR	50061804	5	0.01	0.38	-15	20
MOLDERS, MACHINE (METAL)	50061805	5	0.01	0.78	- 5	10
METAL MOLD MAKERS, REPAIRERS	50061810	5	0.00	6.43	5	*
PATTERN & MODEL MAKERS	50062200	15	0.02	3.52	5	10
PATTERNMAKERS, METAL	50062203	10	0.01	3.47	5	5
PATTERNMAKERS, WOOD	50062204	5	0.01	3.55	*	5
ROLLERS & FINISHERS, METAL	50062400	10	0.02	2.12	-5	15
FORGING/STRAIGHTENING ROLL OPS	50062403	5	0.00	2.78	0	5
ROLLING MILL OPS/ATTENDANTS	50062415	5	0.01	2.30	0	5
ROLLING MILL OPERATOR HELPERS	50062416	5	0.00	2.40	0	5
SHEET METAL WORKERS, TINSMITHS	50062600	105	0.16	3.01	45	60
TOOLMAKERS & DIEMAKERS	50063000	40	0.06	3.84	20	20
TOOL & DIE MAKERS	50063001	40	0.06	3.84	20	20
MECHS, REPAIRERS, INSTALLERS	50080000	1,460	2.15	3.14	570	890
AIR COND, HEATING, REFRIG MECHS	50080200	55	0.09	2.59	20	35
AIRCRAFT MECHANICS	50080400	40	0.06	2.09	20	20
AUTO SEAT COVER, TOP INSTALLERS	50080600	5	0.00	2.66	*	*
AUTO BODY REPAIRERS	50080800	55	0.08	2.82	30	25

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
AUTO MECHANICS	50081000	460	0.68	3.34	195	265
AUTOMOTIVE MECHANICS	50081001	460	0.68	3.34	195	265
DATA PROCESSING MACH MECHANICS	50081400	5	0.00	3.53	*	*
HEAVY EQUIP MECHS, INCL DIESEL	50081800	335	0.49	3.02	110	225
ENGINEERING EQUIP MECHANICS	50081803	85	0.12	3.59	40	45
HYDROELECTRIC MACHINE MECHS, ETC	50081804	10	0.02	3.99	5	5
MINE MACHINERY MECHANICS	50081805	20	0.04	6.36	15	5
MARINE MECHANICS/REPAIRERS	50081806	5	0.01	3.50	*	5
MAINTENANCE MECHANICS	50081807	190	0.28	2.91	60	130
TREATMENT PLANT MECHANICS	50081810	5	0.00	3.14	*	*
KNITTING MACHINE FIXERS	50081811	5	0.01	3.20	*	5
SECTION REPAIRERS & SETTERS	50081814	15	0.02	1.08	-10	25
HOUSEHOLD APPLIANCE MECHANICS	50082000	50	0.08	3.30	25	25
GAS METER INSTALLERS	50082004	5	0.00	3.10	*	*
GAS & ELEC APPLIANCE REPAIRERS	50082005	20	0.03	3.36	10	10
HOUSEHOLD APPLIANCE INSTALLERS	50082007	10	0.01	3.50	5	5
WATER METER INSTALLERS	50082009	5	0.01	2.55	*	5
HOUSEHOLD APPLIANCE REPAIRERS	50082012	10	0.02	3.84	5	5
LOOM FIXERS	50082200	35	0.05	2.67	*	35
OFF MACH SERVICERS/CASH REG SERV	50082400	35	0.05	3.27	20	15
RADIO, TELEVISION REPAIRERS	50082600	25	0.04	3.76	15	10
RAILROAD CAR SHOP REPAIRERS	50082800	20	0.03	2.30	-5	25
SIGNAL MAINTAINERS	50082802	5	0.00	2.41	0	5
CAR REPAIRERS	50082803	15	0.02	2.22	-5	20
OTHER MECHANICS & REPAIRERS	50083200	340	0.50	3.45	130	210
ELECTRIC MOTOR REPAIRERS	50083204	20	0.03	4.47	10	10
GUNSMITHS	50083208	10	0.01	3.38	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
INSTRUMENT REPAIRERS, OPTICAL	50083210	10	0.01	3.46	5	5
LAUNDRY MACHINE MECHANICS	50083211	5	0.00	3.53	*	*
LOCKSMITHS	50083212	5	0.01	4.20	5	*
COIN MACHINE SERVICERS, REPAIRERS	50083215	15	0.02	3.08	5	10
SEWING MACHINE MECHANICS	50083218	25	0.04	3.02	5	20
INSTRUMENT REPAIRERS	50083221	30	0.04	3.47	10	20
DIESEL MECHANICS	50083222	95	0.14	3.53	40	55
ELECTROMEDICAL EQUIPMT REPAIRERS	50083224	5	0.01	5.79	*	*
ALL OTHER MECHANICS & REPAIR	50083299	120	0.18	3.37	40	80
PRINTING TRADE CRAFTS WKRS	50100000	130	0.19	2.89	60	70
BOOKBINDERS	50100200	25	0.03	3.12	10	15
BOOKBINDERS, MACHINE	50100205	5	0.00	3.71	*	*
BINDERY WORKERS, ASSEMBLY	50100206	10	0.02	3.16	5	5
ALL OTHER BINDERY WORKERS	50100208	5	0.01	2.84	*	5
COMPOSITORS & TYPESETTERS	50100400	40	0.06	3.39	15	25
ENGRAVERS, EX PHOTOENGRAVERS	50100800	5	0.01	6.45	*	5
ETCHERS &/OR ENGRAVERS	50100803	5	0.01	6.45	*	5
PHOTOENGRAVERS, LITHOGRAPHERS	50101000	5	0.01	1.85	5	*
CAMERA OPERATORS, PRINTING	50101002	5	0.01	2.03	5	*
PRESS & PLATE PRINTERS	50101200	55	0.08	2.54	30	25
PRESS OPERATORS, PLATE PRINTERS	50101201	20	0.03	3.36	15	5
OFFSET LITHOGRAPHIC PRESS OPS	50101202	25	0.03	2.28	10	15
LETTER PRESS OPERATORS	50101207	10	0.01	2.29	5	5
TRANSP, PUB UTIL CRAFT WKRS	50120000	295	0.44	3.15	170	125
ELEC POWER LINE INST, REPAIRERS	50120200	130	0.19	2.95	85	45
CABLE SPLICERS	50120201	20	0.03	3.14	15	5
LINE INSTALLERS, REPAIRERS	50120202	105	0.16	2.93	65	40
TROUBLE SHOOTERS, POWER LINE	50120203	5	0.01	2.90	5	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
LOCOMOTIVE ENGINEERS	50120400	35	0.05	4.11	-10	45
YARD ENGINEERS	50120402	15	0.02	3.80	- 5	20
LOCOMOTIVE ENGINEERS	50120405	20	0.03	4.48	*	20
POWER STATION OPERATORS	50120800	15	0.02	7.00	5	10
TELEPHONE INSTALLERS, REPAIRERS	50121000	115	0.17	2.98	90	25
INSTALLERS, REPAIRERS, SEC MAINTS	50121001	45	0.07	3.05	35	10
STATION INSTALLERS	50121003	15	0.02	2.91	10	5
TELEGRAPH EQUIPMT MAINTAINERS	50121004	20	0.03	3.08	15	5
CABLE REPAIRERS	50121007	10	0.02	3.08	10	*
FRAME WIRERS	50121009	5	0.01	2.98	5	*
CENTRAL OFFICE REPAIRERS	50121010	5	0.01	2.97	5	*
TROUBLE LOCATORS, TEST DESK	50121011	15	0.02	2.99	10	5
OTHER CRAFTS, KINDRED WORKERS	50140000	1,555	2.29	3.88	555	1,000
BAKERS	50140200	55	0.08	5.53	30	25
BAKERS	50140202	55	0.08	5.59	30	25
CABINETMAKERS	50140400	60	0.09	5.19	15	45
CARPET CUTTERS, CARPET LAYERS	50140600	5	0.01	1.92	5	*
CRANE, DERRICK, HOIST OCCUPS	50140800	85	0.13	2.53	15	70
CRANE, DERRICK, & HOIST OPERATORS	50140801	70	0.11	2.45	10	60
LOADER ENGINEERS	50140802	10	0.01	2.95	5	5
YARDER ENGINEERS	50140803	5	0.00	3.19	*	*
MERCHAN DISPLAYERS & WIND TRMRS	50141000	15	0.02	5.90	5	10
DENTAL LAB TECHNICIANS	50141200	50	0.08	4.98	40	10
FURNITURE FINISHERS	50141400	10	0.01	4.86	5	5
GLAZIERS	50141800	20	0.03	3.15	10	10
GLASS INSTALLERS	50141801	5	0.01	3.69	5	*
GLAZIERS	50141802	15	0.02	2.98	5	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
INSPECTORS, LOG & LUMBER	50142000	60	0.08	6.36	5	55
LOG INSPECTORS, GRADERS, SCALERS	50142001	25	0.03	6.48	5	20
LUMBER GRADERS	50142002	15	0.02	6.22	0	15
VENEER GRADERS	50142003	15	0.02	6.56	*	15
SORTER OPERATORS, GREEN LUMBER	50142004	5	0.01	5.88	0	5
OTHER INSPECTION OCCUPS	50142200	430	0.63	4.45	105	325
FIRE BOSSES	50142201	5	0.01	7.85	5	*
INSPECTORS	50142202	340	0.50	4.40	80	260
TESTERS	50142205	85	0.12	4.58	20	65
JEWELERS & WATCHMAKERS	50142400	20	0.03	6.10	5	15
JEWELERS &/OR SILVERSMITHS	50142401	15	0.02	6.20	5	10
WATCHMAKERS	50142402	5	0.01	5.84	*	5
MILLERS, GRAIN, FLOUR, FEED	50142600	5	0.01	3.36	0	5
MILLERS	50142603	5	0.01	3.36	0	5
MOTION PICTURE PROJECTIONISTS	50142800	15	0.02	6.98	-5	20
OPTICIANS, LENS GRINDRS, POLSHRS	50143000	20	0.03	3.88	10	10
LENS GRINDERS	50143001	5	0.01	3.99	*	*
OPTICIANS, DISP &/OR OPTIC MECHS	50143002	15	0.02	3.85	5	10
SHIPFITTERS	50143400	15	0.02	4.35	10	5
STATIONARY ENGINEERS	50144000	115	0.16	4.05	40	75
CONTROL ROOM OPERATORS, STEAM	50144002	25	0.04	4.87	10	15
AUXILIARY EQUIP OPERATORS	50144004	10	0.01	5.32	5	5
SEWAGE PLANT OPERATORS	50144013	10	0.02	3.55	*	10
STATIONARY ENGINEERS	50144014	30	0.05	3.49	10	20
TURBINE OPERATORS	50144015	5	0.01	4.76	*	5
WATER TREATMENT PLANT OPERATORS	50144025	15	0.02	3.68	5	10
SHIP ENGINEERS	50144026	10	0.01	5.20	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TAILORS	50144400	45	0.07	4.32	15	30
ALTERATION TAILORS	50144401	45	0.07	4.37	15	30
UPHOLSTERERS	50144600	40	0.06	3.52	20	20
FURNITURE UPHOLSTERERS	50144601	10	0.02	4.21	5	5
UPHOLSTERERS	50144605	15	0.02	3.25	5	10
CASKET COVERERS/CASKET LINERS	50144607	5	0.01	5.01	5	*
MATTRESS MAKERS	50144608	5	0.01	3.34	*	*
CRAFTS & KINDRED WORKERS, NEC	50144800	490	0.72	3.26	225	265
MACHINE SETTERS, WOODWORKING	50144808	5	0.00	3.24	*	*
SHIP RIGGERS	50144812	5	0.01	5.22	5	*
INSTRUCTORS, APPAREL & TEXT MACH	50144815	15	0.02	4.97	5	10
MACHINE SETTERS, PAPER GOODS	50144819	5	0.01	2.89	*	5
MAINTENANCE REPAIRERS, GEN UTIL	50144821	405	0.59	3.20	195	210
ANODE REBUILDERS	50144823	5	0.01	3.27	*	*
MOBILE HOME REPAIRERS	50144825	5	0.01	3.75	*	*
MUSICAL INSTRUMENTS REPAIRERS	50144826	5	0.01	3.81	*	*
ALL OTHER SKILLED CRAFTS WKR	50144899	40	0.06	3.37	20	20
OPERATIVES	60000000	9,745	14.33	3.38	3,275	6,470
OPERATIVES, EX TRANSPORTATION	61000000	6,755	9.90	3.32	2,230	4,525
SEMISKILLED METALWORKING OPS	61020000	710	1.05	2.70	250	460
DRILL PRESS OPERATIVES	61020200	55	0.08	4.34	20	35
DRILL PRESS/BORING MACHINE OPS	61020201	55	0.08	4.39	20	35
FURNACE TNDRS, SMELTERS, POURERS	61020400	50	0.07	1.48	-25	75
TAPPERS, METAL	61020401	5	0.00	0.89	*	5
CASTERS, INGOTS & PIGS	61020405	15	0.02	3.12	5	10
POURERS, METAL	61020435	15	0.02	1.59	-10	25
FURNACE OPERATORS, CUPOLA TENDERS	61020436	10	0.02	1.81	- 5	15
FURNACE CHARGERS	61020438	5	0.01	0.62	-15	20

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
GRINDING/ABRADING MACH OPS, METAL	61020600	35	0.05	3.13	15	20
LATHE, MILLING MACH OPERATIVES	61021000	45	0.07	2.61	20	25
LATHE MACHINE OPERATORS, METAL	61021006	30	0.04	2.57	15	15
MILLING/PLANING MACHINE OPERATORS	61021007	15	0.02	2.83	5	10
METAL PLATERS	61021200	15	0.02	3.01	10	5
ELECTROPLATERS	61021201	10	0.01	2.89	5	5
DIP PLATERS, NONELECTROLYTIC	61021202	5	0.01	3.17	5	*
OTHER PRECISION MACH OPS	61021400	110	0.17	3.04	35	75
MACHINE TOOL OPERATORS, COMBO	61021402	60	0.09	2.84	15	45
MACHINE TOOL OPERATORS, NUM CONT	61021403	25	0.03	3.95	10	15
WOOD MACHINISTS	61021404	20	0.03	3.26	10	10
MACHINE TOOL OPERATORS, TOOL ROOM	61021405	5	0.01	2.33	*	5
PUNCH, STAMPING PRESS OPS	61021600	115	0.17	3.52	60	55
PUNCH PRESS OPERATORS, METAL	61021609	85	0.12	3.64	45	40
POWER BRAKE, BENDING MACH OPS, MET	61021611	30	0.05	3.29	15	15
WELDERS & FLAME CUTTERS	61022000	285	0.42	2.46	115	170
WELDERS & FLAMECUTTERS	61022002	115	0.17	3.01	60	55
WELDERS & FLAMECUTTERS--A	61022003	80	0.11	3.53	45	35
WELDERS & FLAMECUTTERS--B	61022004	95	0.14	3.02	50	45
WELDERS & FLAMECUTTERS--C	61022005	-5	-0.01	-0.15	-40	35
SEMISKILLED TEXTILE OPS	61040000	465	0.68	2.16	-90	555
CARDING, LAPPING, COMBING OPS	61040200	45	0.06	1.80	-20	65
CARD GRINDERS	61040201	5	0.00	1.34	0	5
CARD TENDERS, COMBER TENDERS, ETC	61040202	10	0.02	1.53	-10	20
DRAWING FRAME & GILL BOX TENDERS	61040203	10	0.01	1.54	- 5	15
PICKER TENDERS	61040206	5	0.00	1.60	*	5
SLUBBER TENDERS	61040207	10	0.02	2.03	- 5	15
DRAWERS-IN, HAND	61040208	5	0.01	5.36	*	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
KNITTERS, LOOPERS, & TOPPERS	61040400	50	0.08	3.80	15	35
KNITTING MACHINE OPERATORS	61040403	40	0.06	3.77	15	25
SEAMLESS HOSIERY KNITTERS	61040407	10	0.01	3.95	*	10
SPINNERS, TWISTERS, & WINDERS	61040600	170	0.25	1.63	-110	280
BEAM WARPER TENDERS &/OR BEAMERS	61040601	10	0.02	2.57	0	10
BOBBIN WINDERS, MACH/SEWING MACH	61040604	5	0.01	1.67	-5	10
CLOTH OR CARPET WINDERS	61040605	5	0.01	2.67	0	5
CREELERS, YARN	61040606	10	0.02	1.50	-10	20
DOFFERS	61040607	30	0.05	1.81	-15	45
LOOM WINDER TENDERS	61040609	5	0.00	2.03	0	5
QUILLING MACHINE OPERATORS	61040610	5	0.00	2.36	0	5
SPINNERS, FRAME	61040612	40	0.06	1.49	-30	70
TWISTER TENDERS	61040615	10	0.01	1.11	-15	25
WARP TYING MACHINE TENDERS	61040616	5	0.01	2.41	0	5
WINDER OPERATORS, AUTOMATIC	61040617	30	0.04	1.78	-15	45
YARN WINDERS	61040618	5	0.01	0.69	-10	15
SPOOLER OPERATORS, AUTOMATIC	61040619	10	0.01	1.26	-10	20
WEAVERS	61040800	70	0.10	2.54	0	70
NEEDLE-FELT-MAKING MACH OPS, ETC	61040801	5	0.01	4.00	*	5
SMASH HANDS	61040802	10	0.01	2.27	0	10
WEAVERS	61040804	55	0.08	2.51	*	55
OTHER TEXTILE OPERATIVES	61041000	130	0.19	2.83	25	105
BATTERY LOADERS	61041002	10	0.01	1.63	-5	15
BOARDING MACH OPERATORS, HOSIERY	61041004	5	0.01	3.88	*	5
BURLERS	61041006	10	0.01	3.54	5	5
CLOTH FEEDERS &/OR BACK TENDERS	61041008	5	0.01	5.04	*	*
CLOTH FINISHING RANGE TNDRS, MDLE	61041009	5	0.01	7.97	*	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
CLOTH FINISHING RANGE OPS, CHIEFS	61041010	5	0.01	5.95	5	*
HARNESS BUILDERS, LOOM CHNGRS, ETC	61041015	5	0.00	3.02	*	*
HARNESS PLACERS	61041016	10	0.01	3.26	*	10
OPENER TENDERS/WASTE MACH TENDERS	61041019	5	0.01	1.49	*	5
SLASHER TENDERS	61041024	5	0.01	2.44	*	5
TENTER FRAME OPERATORS	61041025	5	0.01	4.16	*	5
TURNERS	61041027	15	0.02	3.03	5	10
FOLDERS, HAND	61041028	40	0.06	3.21	10	30
DRIER OPERATORS, TEXTILES & RUGS	61041030	5	0.01	2.06	0	5
SEMISKLD PACKING, INSPECTING OPS	61060000	675	1.00	3.83	300	375
CHECKERS, EXAMINERS, ETC, MFG	61060200	10	0.02	6.00	5	5
SELECTORS, GLASSWARE	61060209	10	0.02	6.00	5	5
GRADERS & SORTERS, MFG	61060400	10	0.02	2.18	0	10
GRADERS, FOOD &/OR SKINS	61060401	5	0.01	4.15	*	5
CLOTH GRADERS	61060408	5	0.00	1.39	*	5
PACKERS, WRAPPERS, EX MEAT, PROD	61060800	655	0.96	3.85	295	360
PRODUCTION PACKAGERS	61060802	345	0.51	3.32	120	225
BUNDLERS	61060803	25	0.04	3.02	5	20
BAGGERS	61060804	285	0.42	4.95	170	115
OTHER OPERATIVES, EX TRANSPORT	61080009	4,905	7.22	3.57	1,770	3,135
ASBESTOS & INSULATION WORKERS	61080200	15	0.02	2.01	5	10
ASSEMBLERS	61080400	850	1.25	3.57	385	465
MOBILE HOME SET-UP OPERATORS	61080401	10	0.01	4.32	5	5
WIRERS, ELECTRONIC	61080415	10	0.02	4.15	5	5
CORE LAYERS/SHEET TURNERS	61080418	5	0.01	2.53	*	5
ASSEMBLERS	61080419	5	0.01	3.41	*	5
ASSEMBLERS--A	61080420	50	0.07	3.16	20	30
MACHINE ASSEMBLERS--A	61080421	20	0.03	4.09	10	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
ELEC MECH EQUIPMT ASSEMBLERS--A	61080423	5	0.01	4.31	5	*
ELEC & ELECT ASSEMBLERS-A	61080424	10	0.01	4.47	5	5
ALL OTHER ASSEMBLERS--A	61080425	10	0.01	3.98	5	5
ASSEMBLERS--B	61080426	35	0.05	2.06	0	35
MACHINE ASSEMBLERS--B	61080427	35	0.05	4.15	20	15
INSTRUMENT ASSEMBLERS--B	61080428	10	0.01	3.95	5	5
ELEC MECH EQUIPMT ASSEMBLERS--B	61080429	20	0.03	4.23	10	10
ELEC & ELECT ASSEMBLERS--B	61080430	50	0.08	4.23	25	25
AIRCRAFT, STRUCTURE ASSEMBLERS--B	61080432	15	0.02	2.88	5	10
CLOCK, WATCH ASSEMBLERS--B	61080433	5	0.00	3.6	*	*
ALL OTHER ASSEMBLERS--B	61080434	40	0.06	4.16	20	20
ASSEMBLERS--C	61080435	515	0.76	3.62	240	275
BLASTERS	61080600	30	0.04	7.06	15	15
BLASTERS, MINING & QUARRYING	61080601	30	0.04	7.22	15	15
SURVEYORS HELPERS	61081000	55	0.08	3.54	15	40
CLOTHING IRONERS & PRESSERS	61081200	180	0.27	4.02	55	125
PRESSERS, HAND	61081201	40	0.06	3.62	10	30
PRESSERS, MACHINE	61081202	70	0.10	3.87	20	50
PRESSERS, MACHINE, LAUNDRY	61081203	55	0.09	4.74	25	30
PLEATING MACHINE OPERATORS	61081207	5	0.01	3.07	*	5
SHAPERS & PRESSERS	61081208	10	0.01	3.88	*	10
CUTTING OPERATIVES, NEC	61081400	80	0.12	2.60	20	60
BIAS MACHINE OPERATORS	61081401	5	0.01	3.54	*	*
CUTTERS, MACHINE	61081403	15	0.02	2.79	5	10
CUTTERS, PORTABLE MACHINE	61081417	20	0.03	2.89	5	15
DIE CUTTERS, CLICKING MACH OPS	61081424	0	0.00	-0.32	-5	5
RUBBER GDS CUTTER-FINISHER OPS	61081435	5	0.01	3.94	*	*
TENONER OPERATORS	61081452	5	0.00	3.75	*	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
SHEAR &/OR SLITTER OPERATORS, MET	61081459	15	0.02	2.69	5	10
CUTTING MACHINE OPERATORS, FOOD	61081462	10	0.01	3.87	5	5
PLANER OPERATORS	61081464	5	0.01	1.99	0	5
DRESSMAKERS, EX FACTORY	61081600	10	0.01	10.03	5	5
DRILLERS, EARTH	61081800	70	0.10	5.03	40	30
DRILLERS, HAND	61081803	5	0.01	3.07	*	5
DRILLERS, MACHINE	61081804	45	0.07	6.17	30	15
ROTARY DRILL OPERATORS	61081808	10	0.01	3.87	5	5
ROTARY DRILL OP HELPERS	61081809	10	0.02	4.22	5	5
DRY WALL INSTALLERS, LATHERS	61082000	15	0.02	2.04	5	10
DRY WALL APPLICATORS	61082001	10	0.01	1.98	5	5
TAPERS	61082003	5	0.01	2.14	*	5
DYERS	61082200	5	0.01	1.68	0	5
DYE TUB OPS, RANDOM DYERS, ETC	61082207	5	0.01	2.35	*	5
FILERS, POLISHERS, SANDERS, BUFFERS	61082400	135	0.20	4.55	30	105
FILERS, GRINDERS, BUFFERS, CHIPPERS	61082401	100	0.14	4.51	20	80
SANDBLASTERS/SHOTBLASTERS	61082402	15	0.02	4.19	5	10
SANDERS, WOOD	61082410	20	0.03	4.75	5	15
GARAGE WORKERS, GAS STAT ATTNS	61082600	300	0.44	3.75	105	195
TRAILER RENTAL ATTENDANTS	61082604	5	0.01	3.91	*	*
FUEL PUMP ATTENDANTS, LUBRICATORS	61082605	225	0.33	3.71	80	145
TIRE CHANGERS	61082606	65	0.09	3.81	25	40
TIRE REPAIRERS	61082607	5	0.01	4.38	*	5
LAUNDRY, DRYCLEANING OPS, NEC	61082800	135	0.20	5.55	50	85
MARKERS, CLASSIFIERS, ASSEMBLERS	61082801	15	0.02	4.98	5	10
SPOTTERS, DRYCLEANING	61082802	5	0.00	4.95	*	*
WASHERS, MACH &/OR STARCHERS	61082804	65	0.10	6.48	30	35
TUMBLER OPERATORS	61082805	5	0.00	4.31	*	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
DRYCLEANING MACHINE OPERATORS	61082806	15	0.02	5.05	5	10
LAUNDRY OPERATORS, SM ESTABLHMT	61082809	15	0.03	4.84	5	10
FOLDERS, LAUNDRY	61082818	15	0.02	4.97	5	10
MEAT CUTTERS, BUTCHERS	61083200	20	0.03	4.13	5	15
BONERS, MEAT	61083201	5	0.01	4.72	*	5
BUTCHERS, ALL-AROUND	61083204	10	0.01	5.07	5	5
MINE OPERATIVES, NEC	61083600	180	0.27	5.89	105	75
BRATTICE BUILDERS	61083604	15	0.03	7.03	10	5
COAL WASHERS	61083610	10	0.01	6.78	5	5
CONTINUOUS MINING MACH OPERATORS	61083612	30	0.04	6.96	20	10
CUTTING MACHINE OPERATORS	61083615	10	0.01	7.14	5	5
DERRICK OPERATORS, PETROL & GAS	61083616	5	0.00	4.99	*	*
LAMP KEEPERS, REPAIRERS	61083621	10	0.01	7.20	5	5
LOADING MACHINE OPERATORS	61083622	15	0.02	6.48	10	5
ROCK SPLITTERS, QUARRY	61083627	5	0.01	4.48	*	*
ROUSTABOUTS	61083629	15	0.03	4.57	5	10
SHUTTLE CAR OPERATORS	61083635	30	0.04	7.09	20	10
TIPPLE OPERATORS	61083637	5	0.01	7.58	5	*
PANELBD OPERATORS, GRIND MILL OPS	61083643	5	0.01	5.48	*	*
ROCK-DUST SPRAYERS	61083644	10	0.01	6.78	5	5
MILL &/OR GRINDER OPS, MINERALS	61083646	15	0.02	3.63	5	10
MIXING OPERATIVES	61083800	15	0.02	2.09	5	10
MIXERS, FOOD & TOBACCO	61083856	10	0.02	2.33	5	5
OILERS	61084000	65	0.09	4.00	25	40
PAINTERS, MANUFACTURED ARTICLES	61084200	70	0.10	2.75	35	35
PAINTERS, AUTOMOTIVE	61084201	20	0.03	2.93	10	10
PAINTERS, PRODUCTION	61084210	50	0.07	2.68	25	25
PHOTOGRAPHIC PROCESS WORKERS	61084400	30	0.05	5.84	20	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
RIVETERS & FASTENERS	61084600	20	0.03	2.91	5	15
NAILING MACHINE OPERATORS	61084602	10	0.01	1.93	0	10
RIVETERS, LIGHT	61084606	10	0.02	5.33	5	5
SAILORS & DECKHANDS	61084800	15	0.02	3.29	10	5
ABLE SEAMEN	61084802	5	0.01	3.12	*	*
ORDINARY SEAMEN	61084803	10	0.02	3.43	5	5
SAWYERS	61085000	70	0.10	2.99	10	60
BAND SCROLL SAW OPERATORS	61085001	5	0.00	3.53	*	*
CUT-OFF SAW OPERATORS, LUMBER	61085003	10	0.02	3.03	*	10
EDGERS, AUTOMATIC &/OR PONY	61085005	5	0.01	2.60	0	5
HEAD SAWYERS	61085008	5	0.01	2.57	0	5
RESAWYERS	61085011	5	0.01	2.50	0	5
RIPSAW OPERATORS	61085012	15	0.02	3.35	5	10
SAWYERS, METAL	61085013	10	0.01	3.47	5	5
SAWYERS, STONE	61085014	5	0.01	4.56	*	*
TRIM SAW OPERATORS	61085017	10	0.01	2.58	0	10
SEWERS & STITCHERS	61085200	1,425	2.10	3.55	360	1,065
MENDERS	61085204	5	0.01	3.79	*	5
SEWING MACH OPS, REG EQUIP, NONGAR	61085205	115	0.17	3.55	30	85
GARMENT REPAIRERS	61085212	10	0.01	3.53	5	5
SEWING MACH OPS, SPEC EQUIP, NONGAR	61085215	20	0.03	3.56	5	15
SEWING MACH OPS, SPEC EQUIP, GAR	61085219	165	0.24	3.58	40	125
SEWING MACH OPS, REG EQUIP, GARMENT	61085220	1,110	1.63	3.56	280	830
SHOEMAKING MACHINE OPS	61085400	-40	-0.06	-28.98	-40	0
STITCHERS, STANDARD MACHINE	61085431	-20	-0.03	-49.25	-20	*
FURNACE TNDRS, STOKRS, EX METAL	61085600	65	0.10	4.73	10	55
STATIONARY BOILER FIRERS	61085602	50	0.07	4.88	10	40
KILN OPERATORS, MINERALS	61085613	10	0.02	4.44	*	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
WINDING OPERATIVES, NEC	61085800	20	0.03	3.09	5	15
PAPER REEL OPS, REWINDER OPS	61085804	5	0.01	2.94	*	5
WINDERS, PAPER MACHINE	61085808	10	0.01	2.90	*	10
COIL WINDERS	61085810	5	0.01	4.21	5	*
MISC MACH OPS, MEAT & DAIRY PRO	61086000	20	0.03	2.56	5	15
CASING FINISHERS &/OR STUFFERS	61086012	5	0.01	4.12	5	*
MEAT GRINDERS	61086033	5	0.01	3.98	*	*
COOKS &/OR COOKERS	61086035	5	0.01	3.06	*	5
MISC MACH OPS, ALL OTH FOOD PROD	61086200	20	0.03	2.44	10	10
WASHERS &/OR SEPARATORS, FOOD	61086207	5	0.01	2.41	*	5
DOUGHNUT MAKRS/DOUGHNUT MACH OPS	61086258	5	0.00	4.85	*	*
OVEN OPERATORS	61086292	5	0.01	3.71	*	*
MISC MACH OPS, TOBACCO	61086400	0	0.00	-0.57	-5	5
WRAPPER LAYERS	61086406	0	0.00	-0.62	-5	5
MISC MACH OPS, TEXTILE MILL PROD	61086600	15	0.03	1.85	*	15
BLENDING MACHINE OPERATORS	61086607	0	0.00	-0.46	-5	5
FUSING MACHINE OPERATORS	61086614	10	0.01	2.82	5	5
FOLDING MACHINE OPERATORS	61086618	5	0.01	2.70	*	5
MISC MACH OPS, LUMBER PROD, FURN	61086800	40	0.06	2.65	15	25
VENEER DRIERS	61086804	5	0.01	2.54	*	5
POWER BARKER OPERATORS	61086808	5	0.01	2.09	*	5
WOODWORKING MACHINE OPERATORS	61086818	20	0.03	3.13	10	10
MISC MACH OPS, PAPER, ALLIED PRO	61087000	60	0.09	2.41	20	40
PULPERS	61087006	5	0.00	3.07	*	*
RECOVERY OPERATORS, PAPERMAKING	61087007	5	0.01	2.52	*	5
FOURDRINIER MACHINE TENDERS	61087014	5	0.01	2.92	*	5
BACK TENDERS	61087015	5	0.01	2.39	*	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
BEATERS	61087018	5	0.00	2.51	*	*
BLEACHER OPERATORS, PULP	61087020	5	0.00	2.50	*	*
DIGESTER OPERATORS	61087021	5	0.00	2.91	*	*
BAG MACHINE OPERATORS	61087051	5	0.01	2.27	*	5
BROWN STOCK WASHERS, BLOW PIT OPS	61087064	5	0.00	2.78	*	*
FOURTH/FIFTH HANDS, PAPER MACHINE	61087065	10	0.01	2.73	5	5
MISC MACH OPS, CHEM, ALLIED PROD	61087200	135	0.20	3.08	60	75
SPINNERS, SYNTHETIC FILAMENTS	61087225	20	0.03	2.50	5	15
DRAW MACHINE OPERATORS	61087235	5	0.01	2.46	*	5
CHEMICAL OPERATOR HELPERS	61087288	20	0.03	3.10	10	10
CHEMICAL OPERATORS A	61087290	60	0.08	3.39	30	30
CHEMICAL OPERATORS B	61087291	15	0.02	3.40	5	10
CHIEF OPERATORS	61087295	10	0.02	3.26	5	5
MISC MACH OPS, RUBBER, MISC PLAS	61087600	140	0.20	3.44	70	70
RUBBER MILL OPERATORS	61087603	10	0.01	3.30	5	5
TIRE BUILDERS	61087614	50	0.07	3.43	25	25
SPLICERS, RUBBER PRODUCTS	61087615	5	0.01	3.64	*	5
WATCHCASE VULCANIZER TENDERS	61087617	10	0.01	3.29	5	5
EXTRUDER OPS, RUBBER OR PLASTICS	61087623	15	0.02	3.24	5	10
EXTRUDER OP HELPERS, RUB OR PLAS	61087624	10	0.01	3.34	5	5
BAND BUILDERS	61087625	10	0.01	3.51	5	5
BEAD FLIPPERS	61087627	5	0.01	3.80	*	*
COMPR &/OR INJECT MOLD MA OPS, PL	61087645	20	0.03	3.93	10	10
MISC MACH OPS, STONE, CLAY, GLASS	61088000	20	0.03	3.04	10	10
FORMING MACH OPERATORS, GL CONT	61088012	5	0.01	5.15	5	*
PRESS OPERATORS	61088026	5	0.00	2.86	*	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
CONCRETE STONE FABRICATORS	61088040	5	0.00	2.83	*	*
FLOOR WORKERS, GLASS	61088072	5	0.01	5.58	5	*
MISC MACH OPS, PRIMARY METALS	61088200	50	0.07	2.21	10	40
PUMP OPERATORS, BY-PRODUCTS	61088208	0	0.00	-0.49	-5	5
COILERS, WINDERS, &/OR SPOOLERS	61088229	5	0.01	3.23	*	*
POT TENDERS	61088236	5	0.01	3.20	*	5
STRETCHER-LEVELER OPERATORS	61088261	5	0.00	3.61	*	*
DRAW-BENCH OPERATORS, TUBE DRAWRS	61088267	10	0.02	3.23	5	5
ROLL FORMING MACH OPERATORS	61088286	5	0.01	3.23	5	*
WIRE WEAVERS	61088293	15	0.02	3.64	5	10
MISC MACH OPS, MFG, NEC	61088400	50	0.08	2.51	15	35
SCREEN/STENCIL PRINTERS/SETTERS	61088401	5	0.01	2.96	*	*
COREMAKERS, HAND, BENCH, FLOOR	61088403	5	0.01	1.48	*	5
FILTER/FILTER PRESS OPERATORS	61088405	5	0.01	3.26	*	*
SKIVERS	61088406	5	0.01	3.28	*	*
GRINDER OPERATORS	61088407	5	0.01	3.34	*	*
CHIPPERS	61088408	5	0.01	2.00	*	5
LAMINATORS, PREFORMS	61088415	10	0.01	3.94	5	5
LOADING MACHINE OPERATORS	61088436	5	0.01	2.98	*	5
SOABAR OPERATORS	61088443	5	0.00	2.65	*	*
MISC MACH OPS, NONMFG	61088600	30	0.05	3.37	15	15
TIRE FABRICATORS, REPAIRERS	61088614	30	0.04	3.42	15	15
OPERATIVES, NEC, DURABLE GOODS	61088800	40	0.06	3.31	15	25
CONCRETE PIPE MAKERS	61088814	5	0.01	2.92	*	5
PLATER HELPERS	61088834	10	0.01	3.97	5	5
WIRE DRAWERS	61088850	10	0.02	3.70	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
OPERATIVES, NEC, NONDURABLE GDS	61089000	350	0.52	4.03	175	175
BAKER HELPERS	61089003	15	0.02	3.66	5	10
CHICKEN CUTTERS	61089008	25	0.04	4.32	15	10
COOLER ROOM WORKERS, MEAT	61089009	10	0.01	4.19	5	5
DIGESTER OPERATOR HELPERS	61089016	5	0.00	3.23	*	*
POULTRY DRESSERS, EVISCERATORS	61089040	250	0.37	4.41	135	115
THREAD TRIMMERS	61089071	15	0.02	2.83	5	10
TIRE FINISHERS	61089072	5	0.01	4.02	*	5
MARKERS	61089092	5	0.01	2.88	*	5
PRESS ASSISTANTS & FEEDERS	61089095	10	0.01	3.09	5	5
MAILERS	61089097	5	0.01	4.22	*	5
OPERATIVES, NEC, NONMFG	61089200	100	0.15	6.40	70	30
BILLPOSTERS	61089203	5	0.01	6.12	5	*
EXTERMINATORS	61089204	65	0.09	6.43	45	20
TERMITE TREATERS	61089210	25	0.04	6.40	15	10
TERMITE TREATER HELPERS	61089211	5	0.01	6.75	5	*
TRANSPORT EQUIP OPERATIVES	62000000	2,335	3.43	3.61	845	1,490
BUS DRIVERS	62000400	630	0.92	7.54	185	445
DELIVERY & ROUTE WORKERS	62000800	425	0.63	3.04	170	255
DELIVERY & ROUTE WORKERS	62000801	410	0.61	3.02	165	245
FURNITURE ASSEMBLERS & INSTALLERS	62000802	15	0.02	3.64	5	10
FORK LIFT, TOW MOTOR OPS	62001000	185	0.27	2.19	75	110
INDUSTRIAL TRUCK OPERATORS	62001001	175	0.26	2.22	70	105
LOG HANDLING EQUIPMENT OPERATORS	62001003	10	0.01	1.79	5	5
PARKING ATTENDANTS	62001400	25	0.04	9.10	5	20
RAILROAD BRAKE OPERATORS	62001600	15	0.02	0.88	-10	25
TAXICAB DRIVERS, CHAUFFEURS	62002000	55	0.08	6.24	15	40

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
AMBULANCE DRIVERS/AMB ATTENDANTS	62002001	35	0.05	6.46	10	25
TAXI DRIVERS	62002004	15	0.02	5.34	5	10
CHAUFFEURS	62002007	5	0.01	6.17	*	5
TRUCK DRIVERS	62002200	1,000	1.47	3.21	405	595
TRUCK DRIVERS	62002201	1,000	1.47	3.21	405	595
ALL OTHER SEMISKILLED WORKERS	63000000	655	0.96	3.10	200	455
SERVICE WORKERS	70000000	12,085	17.77	5.85	5,240	6,845
CLEANING SERVICE WORKERS	70020000	2,705	3.98	5.74	1,080	1,625
JANITORS & SEXTONS	70020600	2,705	3.98	5.74	1,080	1,625
FOOD SERVICE WORKERS	70040000	4,695	6.91	5.60	2,305	2,390
BAKERS BREAD &/OR PASTRY	70040200	35	0.05	5.72	15	20
BARTENDERS	70040400	35	0.05	4.00	20	15
WAITERS ASSISTANTS	70040600	130	0.19	3.84	95	35
COOKS, EX PRIVATE	70040800	1,260	1.89	5.90	560	700
COOKS, SHORT ORDER/SPEC FAST FD	70040802	370	0.55	6.02	170	200
COOKS, RESTAURANT	70040803	310	0.46	5.94	140	170
COOKS, INSTITUTIONAL	70040804	580	0.85	5.80	250	330
BUTCHERS &/OR MEAT CUTTERS	70041400	165	0.24	5.31	80	85
WAITERS OR WAITRESSES	70041600	940	1.38	5.47	465	475
HOSTS/HOSTESSES, REST, LNGE, COF SH	70041601	35	0.05	5.26	15	20
WAITERS OR WAITRESSES	70041602	905	1.33	5.48	450	455
FOOD WORKERS, NEC, EX PRIVATE	70041800	2,130	3.13	5.70	1,070	1,060
KITCHEN HELPERS	70041802	665	0.98	5.67	330	335
FD PREP & SERV WKRS, FAST FD REST	70041804	955	1.41	5.77	490	465
PANTRY, SANDWICH, &/OR COF MAKERS	70041805	95	0.14	5.73	50	45
ALL OTHER FOOD SERVICE WKRS	70041899	415	0.61	5.58	200	215
HEALTH SERVICE WORKERS	70060000	1,870	2.75	6.76	1,020	850

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
HEALTH AIDES, EX NURSING	70060400	5	0.01	5.67	*	*
NURSES AIDES, ORDERLIES	70061000	1,865	2.75	6.76	1,015	850
NURSES AIDES/ORDERLIES	70061010	1,505	2.22	6.73	815	690
PSYCHIATRIC AIDES	70061011	235	0.35	6.84	130	105
MEDICAL ASSISTANTS	70061013	125	0.18	7.01	70	55
PERSONAL SERVICE WORKERS	70080000	760	1.12	5.56	190	570
ATTNS, RECREATION, AMUSEMENT	70080400	45	0.06	4.13	15	30
RECREATION FACILITY ATTENDANTS	70080401	25	0.04	3.83	5	20
GAME OPS, RIDE OPS, CONCESS WKRS	70080402	5	0.01	4.54	*	5
PIN CHASERS	70080403	5	0.00	5.33	*	*
LIFEGUARDS	70080407	10	0.01	4.44	5	5
ATTNS, PERSONAL SERVICE, NEC	70080600	120	0.18	6.62	45	75
FUNERAL ATTENDANTS	70080607	15	0.02	5.12	5	10
INSTRUCTORS, REDUCING	70080611	20	0.03	5.09	5	15
HOUSEKEEPERS, HOTEL & MOTEL	70080616	80	0.12	7.51	35	45
GUIDES, SIGHTSEEING OR ESTABLHMT	70080619	5	0.01	7.06	*	5
BAGGAGE PORTERS & BELLHOPS	70080800	10	0.01	4.21	5	5
BELLHOPS, BAG PORTERS, DRKPRS, ETC	70080801	10	0.01	4.47	5	5
BARBERS	70081000	40	0.06	8.35	5	35
BOOTBLACKS	70081400	5	0.00	5.59	*	*
CHILD CARE WORKERS, EX PRIVATE	70081600	310	0.46	6.72	60	250
CHILD CARE ATTENDANTS	70081601	15	0.02	7.18	5	10
CHILD CARE WORKERS	70081602	295	0.44	6.70	55	240
ELEVATOR OPERATORS	70081800	5	0.01	7.22	*	5
HAIRDRESSERS, COSMETOLOGISTS	70082000	180	0.27	4.43	50	130
COSMETOLOGISTS/WM'S HAIRSTYLISTS	70082001	165	0.24	4.44	50	115

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
SHAMPOOERS	70082006	10	0.02	4.38	*	10
USHERS, LOBBY ATTNS, TICKET TAKERS	70082800	-5	0.00	-1.41	-5	*
WELFARE SERVICE AIDES	70085000	50	0.07	4.62	15	35
PROTECTIVE SERVICE WORKERS	70100000	1,835	2.70	6.39	540	1,295
CROSSING GUARDS, BRIDGETENDERS	70100200	25	0.04	4.48	5	20
SCHOOL CROSSING GUARDS	70100203	25	0.04	4.56	5	20
FIREFIGHTERS	70100400	100	0.14	2.05	35	65
FIREFIGHTERS	70100401	75	0.11	2.08	25	50
FIRE OFFICERS	70100403	20	0.03	1.99	5	15
GUARDS	70100600	1,470	2.16	10.08	445	1,025
GUARDS & DOORKEEPERS	70100601	1,345	1.98	10.40	440	905
CHECKERS, FITTING ROOM	70100602	5	0.01	9.79	*	5
FISH & GAME WARDENS	70100606	10	0.01	4.10	0	10
CORRECTION OFFICERS &/OR JAILERS	70100607	110	0.16	8.11	5	105
U.S. MARSHALLS	70100800	5	0.01	10.13	*	5
POLICE & DETECTIVES	70101000	230	0.34	2.72	55	175
STORE DETECTIVES	70101002	20	0.03	4.15	10	10
POLICE OFFICERS	70101004	40	0.06	2.60	10	30
POLICE DETECTIVES	70101005	25	0.03	2.82	5	20
POLICE PATROLMEN/WOMEN	70101006	140	0.21	2.61	30	110
PARKING ENFORCEMENT OFFICERS	70101007	5	0.00	3.14	*	*
SHERIFFS, DEPUTIES, & BAILIFFS	70101200	5	0.01	2.62	*	5
SHERIFFS & DEPUTIES	70101201	5	0.01	2.49	*	5
OTHER SERVICE WORKERS	70200000	220	0.32	4.16	105	115
SUPERVISORS, NONWORKING, SERVICE	70200001	135	0.19	4.52	65	70
ALL OTHER SERVICE WORKERS	70200099	85	0.13	3.71	40	45

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
LABORERS, EXCEPT FARM	80000000	4,145	6.10	3.63	1,190	2,955
ANIMAL CARETAKERS	80000200	5	0.01	3.91	*	5
CONST LABRS, EX CARPNTRS HELPERS	80000600	225	0.33	3.62	45	180
AIR HAMMER OPERATORS	80000601	15	0.02	3.78	5	10
FENCE ERECTORS	80000607	10	0.02	3.93	5	5
PIPELAYERS	80000609	40	0.06	3.73	10	30
REINFORCING-IRON WORKERS	80000610	45	0.06	3.79	10	35
HIGHWAY MAINTENANCE WORKERS	80000628	110	0.17	3.48	15	95
ASPHALT RAKERS	80000629	5	0.00	3.84	*	*
FREIGHT, MATERIAL HANDLERS	80001000	115	0.17	2.75	25	90
CHAIN OFFBEARERS, LUMBER	80001005	20	0.03	2.21	0	20
LOADERS, CAR & TRUCK	80001007	5	0.01	2.07	0	5
OFF-BEARERS	80001009	15	0.02	2.48	5	10
VENEER DRIER FEEDERS	80001018	5	0.01	2.97	*	5
LOADERS, TANK CARS &/OR TRUCKS	80001019	5	0.01	3.64	*	5
CONVEYOR OPERATORS OR TENDERS	80001020	40	0.05	3.42	15	25
WORK DISTRIBUTORS	80001023	20	0.03	2.91	5	15
GARBAGE COLLECTORS	80001200	95	0.14	3.96	15	80
GARDENERS, GROUNDSKEEPERS, EX FARM	80001400	355	0.52	7.84	75	280
TIMBERCUTTING, LOGGING WORKERS	80001800	65	0.09	2.96	20	45
CHASERS	80001801	5	0.00	3.39	*	*
CHOKER SETTERS, LUMBER	80001802	5	0.01	2.86	*	5
FALLERS &/OR BUCKERS	80001805	50	0.07	2.96	15	35
HEAD LOADERS	80001806	5	0.00	2.95	*	*
STOCK HANDLERS	80002000	505	0.74	3.28	290	215
ORDER FILLERS	80002001	160	0.23	2.98	85	75
STOCK CLERKS, SALES FLOOR	80002003	345	0.51	3.44	205	140

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1978 – 1985
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1985 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
VEHICLE WASHERS, EQUIP CLEANERS	80002400	75	0.11	3.85	30	45
CLEANERS, VEHICLE	80002401	70	0.10	3.86	25	45
OTHER LABORERS	80002800	2,705	3.98	3.51	690	2,015
SETTERS &/OR DRAWERS	80002812	5	0.01	3.22	0	5
SHAKEOUT WORKERS, FOUNDRY	80002813	15	0.03	3.36	0	15
FURNACE OP HELPERS/HEATER HELPERS	80002819	15	0.02	3.34	0	15
SCRAP SORTERS	80002821	5	0.01	4.76	*	5
RIGGERS	80002822	30	0.04	2.80	-5	35
HELPER, TRADES	80002823	830	1.22	3.93	215	615
CANNERY WORKERS	80002824	10	0.01	4.92	*	10
LINE SERVICE ATTENDANTS	80002830	5	0.01	4.80	*	5
FOREST CONSERVATION WORKERS	80002831	10	0.02	3.71	*	10
SEPTIC TANK SERVICERS, ETC	80002832	5	0.01	6.00	*	5
ALL OTHER UNSKILLED WRKRS	80002899	1,775	2.61	3.34	480	1,295

[1]Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment of less than 30 in both the base (1978) and projected (1985) year.

[2]Percent distributions calculated using raw data.

*Insignificant openings (rounded data less than 5).

Table 13A
AVERAGE LONG TERM UNEMPLOYED IN FY 1983*
(Persons Unemployed 15 Weeks or More)
ALABAMA

	Total	White	Nonwhite
Total	44,825	27,430	17,395
Male	27,116	16,802	10,314
Female	17,709	10,628	7,081

Table 13B
NUMBER OF DIFFERENT INDIVIDUALS
UNEMPLOYED DURING FY 1983*
ALABAMA

	Total	White	Nonwhite
Total	494,400	291,696	202,704
Male	247,694	153,264	94,430
Female	246,706	138,432	108,274

Table 13C
EMPLOYED PART-TIME FOR ECONOMIC REASONS*
FY 1983
ALABAMA

	Total	White	Nonwhite
Total	68,194	49,358	18,836
Male	32,789	24,486	8,303
Female	35,405	24,872	10,533

*FY 1983 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 14
ECONOMICALLY DISADVANTAGED PERSONS
1970 CENSUS AND FY 1983 PROJECTIONS*
ALABAMA

	Total	White	Nonwhite
1970 CENSUS			
Total Population	3,444,165	2,533,831	910,334
Persons with income below poverty level (excluding related children under 18)	501,037	265,334	235,703
Percent of disadvantaged persons	14.55	10.47	25.89
FY 1983 PROJECTIONS			
Persons with income below poverty level	836,807	378,553	458,254
Related Children under 18 below poverty level	335,601	98,165	237,436
Poor persons excluding related children under 18	501,206	280,388	220,818
FY 1983 Population Projection	3,990,496	2,939,072	1,051,424
Percent of poor persons (excluding related children under 18) to total population projection for FY 1983	12.56	9.54	21.00

*FY 1983 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 15
PERSONS BY POVERTY STATUS — FY 1983*
ALABAMA

	Total	White	Nonwhite
PERSONS BELOW POVERTY LEVEL			
Total Persons	836,807	378,553	458,254
Persons in Families	689,957	275,979	413,978
Unrelated Persons	146,850	102,574	44,276
POPULATION 65 YEARS OLD AND OVER			
Poverty Status			
Above Poverty Level	349,287	282,604	66,683
Below Poverty Level	136,103	92,900	43,203
RELATED CHILDREN UNDER 18 BELOW POVERTY LEVEL			
Total Persons	335,601	98,165	237,436
By Age			
Under 6 years	99,762	39,384	60,378
6 — 17 years	235,839	58,781	177,058
By Type of Family & Age			
Male Head			
Under 6 years	55,867	35,563	20,304
6 — 17 years	118,119	41,735	76,384
Female Head			
Under 6 Years	43,895	3,821	40,074
6 — 17 years	117,720	17,047	100,673

*FY 1983 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 16
ESTIMATED NUMBER OF VETERANS IN CIVILIAN LIFE*
SEPTEMBER 30, 1981
ALABAMA AND U.S.
(In Thousands)

	Alabama	Nation
Total Veterans	422	30,083
War Veterans	362	25,789
Vietnam Era		
Total	127	9,087
No Service in Korean Conflict	119	8,537
Korean Conflict		
Total	92	5,781
No Service in World War II	75	4,633
World War II	162	12,170
World War I	6	449
Post-Vietnam Era	17	1,254
Service Between Korean Conflict and Vietnam Era Only	43	3,040

* Reports and Statistics Service, Office of The Controller, Veterans Administration, Washington D.C.

Table 17
SUMMARY OF ACTIVE APPLICATIONS ON FILE[1] AS OF MARCH 31, 1982
ALABAMA

				Age Groups			
Occupational Division	Total	Female	Veteran	Under 22	45 & Over	Minority	Disadvantaged
Total[2]	**135,465**	**61,869**	**23,111**	**22,728**	**21,669**	**58,462**	**45,277**
Prof., Tech., & Mgr.	10,202	4,495	2,947	415	2,085	2,661	1,522
Clerical & Sales	23,911	18,086	2,672	4,256	3,078	7,442	6,072
Clerical	19,164	15,790	1,936	3,470	2,157	6,337	5,072
Sales	4,747	2,296	736	786	921	1,105	1,000
Service	21,860	15,826	1,956	3,555	4,863	14,608	12,166
Domestic	2,773	2,657	17	148	1,370	2,432	2,107
Other	19,087	13,169	1,939	3,407	3,493	12,176	10,059
Farm., Fish., Forestry, Rel.	2,278	411	227	523	452	1,169	966
Processing	5,250	1,589	888	523	887	2,501	1,404
Machine Trades	11,403	2,777	2,925	1,237	1,940	3,511	2,606
Benchwork	9,427	6,732	776	1,090	1,628	3,450	2,749
Structural Work	20,884	713	5,932	2,908	3,381	6,918	4,875
Miscellaneous	17,102	2,286	3,930	2,717	2,465	7,940	4,961
Entry Level	12,616	8,714	740	5,432	777	8,033	7,755

[1]Employment Security Automated Reporting System (ESARS), Table 26, Monthly, Year-to-Date.
[2]Subclassifications will not add to total due to elimination of invalid occupational codes.

Table 18
CHARACTERISTICS OF THE ACTIVE APPLICANTS ON FILE*
OCTOBER 1, 1981 — MARCH 31, 1982
ALABAMA

Item	Number	Percent
Total Applicants	327,019	100.0
Age		
15 & Under	520	0.1
16 — 19	39,157	12.0
20 — 21	35,527	10.9
22 — 39	182,296	55.7
40 — 54	51,285	15.7
55 & Over	18,234	5.6
Sex		
Male	170,256	52.1
Female	156,763	47.9
Ethnic Group		
White (Not Hispanic)	194,745	59.6
Black (Not Hispanic)	130,152	39.8
Hispanic	691	0.2
Other Races	1,431	0.4
Residence		
Urban	180,572	55.2
Rural	146,447	44.8
Highest School Grade		
0 — 7	19,938	6.1
8 — 11	109,037	33.4
12	143,012	43.7
Over 12	55,032	16.8
U.I. Claimant	141,460	43.3
Veteran	41,859	12.8
Economically Disadvantaged	101,618	31.1
Welfare Recipient	26,480	8.1

*Employment Security Automated Reporting System (ESARS), Table 06, Year-to-Date.

Table 19
JOB OPENINGS RECEIVED AND FILLED BY OCCUPATIONAL CATEGORY AND AVERAGE HOURLY WAGE RATE AS OF MARCH 31, 1982*
ALABAMA

Occupational Title	Openings Received	Avg. Hourly Wage	Openings Filled	Wage Rate
TOTAL	33,789	$4.17	26,584	$4.08
Prof., Tech. & Mgr.	1,638	5.94	788	5.33
Clerical	6,299	3.77	4,846	3.71
Sales	2,121	3.97	1,536	3.93
Domestic	1,199	4.23	1,013	4.35
Other Service	5,010	3.46	3,749	3.48
Farming, Foresty & Fishing	926	3.61	766	3.62
Processing	1,230	4.08	1,163	4.08
Machine Trades	2,155	4.96	1,614	4.87
Bench Work	4,358	3.72	3,777	3.68
Structural	3,893	5.31	3,052	5.10
Motor Freight Trans.	922	4.59	622	4.73
Packaging	3,612	4.00	3,285	3.99
Other	426	5.74	373	5.87

*Employment Security Automated Reporting System (ESARS), Table B07, Quarterly, Year-to-Date.

Table 20
NONAGRICULTURAL UNFILLED JOB OPENINGS BY MAJOR OCCUPATIONAL GROUP[1]
OCTOBER 1, 1980 – MARCH 31, 1982
ALABAMA

Occupational Group	Unfilled Openings	Unfilled for 30 Days or More	Percent Hard To Fill	Unfilled Openings % of Available Applicants
TOTAL[2]	5,465	3,701	67.7	4.0
Prof., Tech. & Mgr.	1,062	889	83.7	10.4
Clerical & Sales	1,302	825	63.4	5.4
Clerical	828	519	62.7	4.3
Sales	474	306	64.6	10.0
Service	732	438	59.8	3.3
Domestic	40	24	60.0	1.4
Other	692	414	59.8	3.6
Farming, Fishery, Forestry	94	76	80.9	4.1
Processing	117	77	65.8	2.2
Machine Trades	455	355	78.0	4.0
Bench Work	714	366	51.3	7.6
Structural Work	504	391	77.6	2.4
Miscellaneous	475	280	58.9	2.8

[1]Employment Security Automated Reporting System (ESARS), Table 96, Monthly, Year-to-Date.
[2]Subclassifications will not add to total due to elimination of invalid occupational codes.